

# Sélection de codes Python du site ActiveState

Site : <http://code.activestate.com/recipes/langs/python/>

- [Hofstadter Butterfly Fractal](#)
- [Stopwatch with laps in Tkinter](#) (indiquer Tkinter au lieu de tkinter en python 2)
- [Mandelbrot Fractal using Tkinter](#)
- [Dynamical Billiards Simulation](#)
- [Conway's Game of Life In Python](#)
- [Gravner-Griffeath Snowflake Simulation](#)
- [Geometry class for Tkinter](#)
- [Analog stopclock](#)
- [Archimedes Method for PI \(arbitrary precision\)](#) (en python 3)
- [Sending Email in Python](#)
- [Logistic Map Fractal](#)
- [True-color Mandelbrot Fractal](#)
- [Simple Morse Code Translator in Python](#) (dictionnaire)
- [Generate Password and Bit Rank](#)
- [Snowflake Simulation Using Reiter Cellular Automata](#)
- [Hash collision probability / Birthday problem](#)
- [A point-in-polygon program \(S.W. Sloan algorithm\)](#)
- [Plotting maps with Polar Stereographic projection focused in a region with Basemap](#)
  - cf. aussi [ceci](#)
- [Random Multi-Maze Generator \(labyrinthes\)](#)
- [Random Maze Generator](#)
- [Platform Independent White Noise Generator...](#)
- [python string concatenation](#) (tests efficiency)
- [Typing skills meter](#) (python 3)
- [unicode Command line histograms](#)
- [Use PIL to make a "contact sheet" montage of images](#)
- [Test various OpenCV feature detectors in Python](#)
- [Spoken Word to Number](#)
- [An Entry with autocompletion for the Tkinter GUI](#)
- [Sudoku Game Generator](#)
- [Artificial Neuroglial Network \(ANGN\)](#)
- [Progress bar class](#)
- [EXIF-date-based JPEG files rename using PIL](#)
- [pygmail](#) (can send mail)
- [Mandelbulb Fractal](#)
- [Directory & File Counter](#)
- [Random Sound FX Using WAV File](#)
- [Colorize Python -- Sourcecode Syntax Highlighting](#)
- [How to read millions of hexadecimal numbers into a numpy array quickly](#)
- [Click counter for Windows](#)
- [Sound Generator Using WAV file](#)
- [Position The Cursor Almost Anywhere Inside Standard Text Mode Python Terminal](#)
- [A simple Matrix class](#)

- [Pi Circle](#) (Computes Pi to many decimal places and prints the digits in a circle)
- [Simple linear regression](#)
- [Draw SVG Images In Python](#)
- [Round number to specified number of significant digits](#)
- [Learning to calculate \(mental arithmetic\)](#)
- [Colo\(u\)rs Inside Text Mode Python...](#)
- [Python+OpenCV: Camera frame grab and sobel display](#)
- [Simple directory tree view generator](#)
- [Saving a Tkinter canvas image or animation using PIL](#)
- [A Simple Webcrawler](#)
- [Dropbox file uploader via web interface using Python with urllib2 and mechanize](#)
- [Password Card Generator](#)
- [mouse click to crop many large photos quickly \(Python, PIL, pygame\)](#)
- [Dragon Fractal Using Iteration Method](#)
- [Temperature Calculator](#)
- [Yet Another Python Generator... \(audio\)](#)
- [An extensible Conway's Game of Life](#)
- [Bezier Curve using De Casteljau algorithm](#)
- [A DEMO Frequency Counter With A Difference - Text Mode Python](#)
- [primeList](#)
- [Left-handed password generator](#)
- [Python Multidimensional List Searcher \(avec solution alternative très compacte\)](#)
- [ProgressBar class](#)
- [texte](#)
- <http://code.activestate.com/recipes/577924-and-now-for-something-completely-different-using-t/> : AcDc using sound card and some electronics
- <http://code.activestate.com/recipes/577916-fast-minmax-function/> : texte
- <http://code.activestate.com/recipes/577900-benchmark-code-with-the-with-statement> exec time : texte
- <http://code.activestate.com/recipes/577890-permutation-and-combination-using-recursive-genera> : texte
- <http://code.activestate.com/recipes/577886-convert-image-format> : texte
- <http://code.activestate.com/recipes/577881-equally-spaced-floats-part-2> : texte
- <http://code.activestate.com/recipes/577842-get-all-possible-combinations-of-characters-given-> : texte
- <http://code.activestate.com/recipes/577840-josephus-problem> : texte
- <http://code.activestate.com/recipes/577837-frequency-analyser> : texte
- <http://code.activestate.com/recipes/577835-self-contained-twl06-dictionary-module-515-kb> : texte
- <http://code.activestate.com/recipes/577816-synchronized-chaos-using-lorenz-attractor> : texte
- <http://code.activestate.com/recipes/577814-lorenz-attractor> : texte
- <http://code.activestate.com/recipes/577807-youtap-downloading-youtube-video-through-python-co> : texte
- <http://code.activestate.com/recipes/577802-using-vlcpy-to-record-an-mp3-and-save-a-cue-file> : texte
- <http://code.activestate.com/recipes/577797-running-2balls-in-vpython-by-flip-flopping> : texte
- <http://code.activestate.com/recipes/577783-random-fractal-curve> : texte
- <http://code.activestate.com/recipes/577776-speeding-up-computations-using-a-lookup-table-part> : texte
- <http://code.activestate.com/recipes/577771-simple-if-audio-oscilloscope-using-standard-text-m> :

- texte
- [http://code.activestate.com/recipes/577766-generator-of-combinations-without-replacement-for- : texte](http://code.activestate.com/recipes/577766-generator-of-combinations-without-replacement-for-)
  - <http://code.activestate.com/recipes/577759-secure-password-generator> : texte
  - <http://code.activestate.com/recipes/577751-send-an-html-email-with-embedded-image-and-plain-t> : texte
  - <http://code.activestate.com/recipes/577732-activestate-recipe-statistics> : texte
  - <http://code.activestate.com/recipes/577728-simpletron3xpy-game-to-demo-xy-drawing-using-the-k> : texte
  - <http://code.activestate.com/recipes/577723-2d-slice-of-4d-mandelbrot-fractal-and-map-it-in-3d> : texte
  - <http://code.activestate.com/recipes/577719-chess-notation-player> : texte
  - <http://code.activestate.com/recipes/577716-simple-sudoku> : texte
  - <http://code.activestate.com/recipes/577715-4d-mandelbrot-fractal> : texte
  - <http://code.activestate.com/recipes/577713-midpoint-of-two-gps-points> : texte
  - <http://code.activestate.com/recipes/577697-simple-numeric-database> : texte
  - <http://code.activestate.com/recipes/577682-partition-a-sequence> : texte
  - <http://code.activestate.com/recipes/577681-spring-mass-system-simulation> : texte
  - <http://code.activestate.com/recipes/577680-multi-threaded-mandelbrot-fractal> : texte
  - <http://code.activestate.com/recipes/577678-class-matrix> : texte
  - <http://code.activestate.com/recipes/577675-four-bit-vertical-coloured-analogue-bar-graph-generator> : texte
  - <http://code.activestate.com/recipes/577674-bitmap-maker> : texte
  - <http://code.activestate.com/recipes/577670-destroying-directories> : texte
  - <http://code.activestate.com/recipes/577665-partitioning-a-sequence> : texte
  - <http://code.activestate.com/recipes/577652-unit-conversions-using-decimal/> : units conversion + use of doctest
  - <http://code.activestate.com/recipes/577647-ode-solver-using-euler-method/> ODE Euler : texte
  - <http://code.activestate.com/recipes/577646-pythontimer/> (chronometer) : texte
  - <http://code.activestate.com/recipes/577644-simple-lf-audio-oscilloscope-using-standard-python> : texte
  - <http://code.activestate.com/recipes/577642-mandelbrot-trajectories> : texte
  - <http://code.activestate.com/recipes/577630-comparing-two-images> : texte
  - <http://code.activestate.com/recipes/577607-converting-numbers-to-their-alphabetical-style> : texte
  - <http://code.activestate.com/recipes/577604-simple-white-noise-generator-using-standard-python> : texte
  - <http://code.activestate.com/recipes/577594-gps-distance-and-bearing-between-two-gps-points> : texte
  - <http://code.activestate.com/recipes/577592-simple-1khz-audio-function-generator-using-standard> : tAc generation (frequency, form ...)
  - <http://code.activestate.com/recipes/577591-conversion-of-pil-image-and-numpy-array> : texte
  - <http://code.activestate.com/recipes/577587-record-and-playbac-using-standard-python> : texte
  - <http://code.activestate.com/recipes/577578-calculate-pi-using-monte-carlo-simulations-in-pyth> : texte
  - <http://code.activestate.com/recipes/577553-pendulum-simulation-with-turtle> : texte
  - <http://code.activestate.com/recipes/577542-pascals-triangle> : texte
  - <http://code.activestate.com/recipes/577540-python-binary-search-tree> : texte
  - <http://code.activestate.com/recipes/577522-wiki-recent-changes-checker> : texte
  - <http://code.activestate.com/recipes/577511-hanoi-towers-solver-wxpython> : texte
  - <http://code.activestate.com/recipes/577488-decimal-to-binary-conversion> : texte

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- <http://code.activestate.com/recipes/577487-chaotic-function-analysis-graph> : texte
- <http://code.activestate.com/recipes/577476-shannon-entropy-calculation> : texte
- <http://code.activestate.com/recipes/577474-polynomial-interpolation-using-lagrange-polynomial> : texte
- <http://code.activestate.com/recipes/577445-dynamical-billiards-simulation> : texte
- <http://code.activestate.com/recipes/577438-eight-queen-problem/> : texte
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