A reference of all the legal format codes:

|  |  |  |  |
| --- | --- | --- | --- |
| **Directive** | **Description** | **Example** | **Try it** |
| %a | Weekday, short version | Wed | [Try it »](https://www.w3schools.com/python/trypython.asp?filename=demo_datetime_strftime_a) |
| %A | Weekday, full version | Wednesday | [Try it »](https://www.w3schools.com/python/trypython.asp?filename=demo_datetime_strftime_a2) |
| %w | Weekday as a number 0-6, 0 is Sunday | 3 | [Try it »](https://www.w3schools.com/python/trypython.asp?filename=demo_datetime_strftime_w) |
| %d | Day of month 01-31 | 31 | [Try it »](https://www.w3schools.com/python/trypython.asp?filename=demo_datetime_strftime_d) |
| %b | Month name, short version | Dec | [Try it »](https://www.w3schools.com/python/trypython.asp?filename=demo_datetime_strftime_b) |
| %B | Month name, full version | December | [Try it »](https://www.w3schools.com/python/trypython.asp?filename=demo_datetime_strftime_b2) |
| %m | Month as a number 01-12 | 12 | [Try it »](https://www.w3schools.com/python/trypython.asp?filename=demo_datetime_strftime_m) |
| %y | Year, short version, without century | 18 | [Try it »](https://www.w3schools.com/python/trypython.asp?filename=demo_datetime_strftime_y) |
| %Y | Year, full version | 2018 | [Try it »](https://www.w3schools.com/python/trypython.asp?filename=demo_datetime_strftime_y2) |
| %H | Hour 00-23 | 17 | [Try it »](https://www.w3schools.com/python/trypython.asp?filename=demo_datetime_strftime_h2) |
| %I | Hour 00-12 | 05 | [Try it »](https://www.w3schools.com/python/trypython.asp?filename=demo_datetime_strftime_i2) |
| %p | AM/PM | PM | [Try it »](https://www.w3schools.com/python/trypython.asp?filename=demo_datetime_strftime_p) |
| %M | Minute 00-59 | 41 | [Try it »](https://www.w3schools.com/python/trypython.asp?filename=demo_datetime_strftime_m2) |
| %S | Second 00-59 | 08 | [Try it »](https://www.w3schools.com/python/trypython.asp?filename=demo_datetime_strftime_s2) |
| %f | Microsecond 000000-999999 | 548513 | [Try it »](https://www.w3schools.com/python/trypython.asp?filename=demo_datetime_strftime_f) |
| %z | UTC offset | +0100 |  |
| %Z | Timezone | CST |  |
| %j | Day number of year 001-366 | 365 | [Try it »](https://www.w3schools.com/python/trypython.asp?filename=demo_datetime_strftime_j) |
| %U | Week number of year, Sunday as the first day of week, 00-53 | 52 | [Try it »](https://www.w3schools.com/python/trypython.asp?filename=demo_datetime_strftime_u2) |
| %W | Week number of year, Monday as the first day of week, 00-53 | 52 | [Try it »](https://www.w3schools.com/python/trypython.asp?filename=demo_datetime_strftime_w2) |
| %c | Local version of date and time | Mon Dec 31 17:41:00 2018 | [Try it »](https://www.w3schools.com/python/trypython.asp?filename=demo_datetime_strftime_c) |
| %C | Century | 20 | [Try it »](https://www.w3schools.com/python/trypython.asp?filename=demo_datetime_strftime_century) |
| %x | Local version of date | 12/31/18 | [Try it »](https://www.w3schools.com/python/trypython.asp?filename=demo_datetime_strftime_x) |
| %X | Local version of time | 17:41:00 | [Try it »](https://www.w3schools.com/python/trypython.asp?filename=demo_datetime_strftime_x2) |
| %% | A % character | % | [Try it »](https://www.w3schools.com/python/trypython.asp?filename=demo_datetime_strftime_percent) |
| %G | ISO 8601 year | 2018 | [Try it »](https://www.w3schools.com/python/trypython.asp?filename=demo_datetime_strftime_g) |
| %u | ISO 8601 weekday (1-7) | 1 | [Try it »](https://www.w3schools.com/python/trypython.asp?filename=demo_datetime_strftime_u) |
| %V | ISO 8601 weeknumber (01-53) | 01 | [Try it »](https://www.w3schools.com/python/trypython.asp?filename=demo_datetime_strftime_v) |