

Microsoft Excel Custom Number Formatting Codes

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Number Code	Description
General	General number format.
0 (zero)	Digit placeholder. This code pads the value with zeros to fill the format.
#	Digit placeholder. This code does not display extra zeros.
?	Digit placeholder. This code leaves a space for insignificant zeros but does not display them.
. (period)	Decimal number.
%	Percentage. Microsoft Excel multiplies by 100 and adds the % character.
, (comma)	Thousands separator. A comma followed by a placeholder scales the number by a thousand.
E+ E- e+ e-	Scientific notation.
Text Code	Description
\$ - + / () : space	These characters are displayed in the number. To display any other character, enclose the character in quotation marks or precede it with a backslash.
\character	This code displays the character you specify. Note Typing !, ^, &, ', ~, {, }, =, <, or > places a backslash in front of the character.
"text"	This code displays text.
*	This code repeats the next character in the format to fill the column width. Note Only one asterisk per section of a format is allowed.
_ (underscore)	This code skips the width of the next character. This code is commonly used as "_" (without the quotation marks) to leave space for a closing parenthesis in a positive number format when the negative number format includes parentheses. This allows the values to line up at the decimal point.
@	Text placeholder.
Date Code	Description
m	Month as a number without leading zeros (1-12)
mm	Month as a number with leading zeros (01-12)
mmm	Month as an abbreviation (Jan - Dec)
mmmm	Unabbreviated Month (January - December)
d	Day without leading zeros (1-31)
dd	Day with leading zeros (01-31)
ddd	Week day as an abbreviation (Sun - Sat)
dddd	Unabbreviated week day (Sunday - Saturday)
yy	Year as a two-digit number (for example, 96)
yyyy	Year as a four-digit number (for example, 1996)
Time Code	Description
h	Hours as a number without leading zeros (0-23)
hh	Hours as a number with leading zeros (00-23)
m	Minutes as a number without leading zeros (0-59)
mm	Minutes as a number with leading zeros (00-59)
s	Seconds as a number without leading zeros (0-59)
ss	Seconds as a number with leading zeros (00-59)
AM/PM am/pm	Time based on the twelve-hour clock
Miscellaneous Code	Description
[BLACK], [BLUE], [CYAN], [GREEN], [MAGENTA], [RED], [WHITE], [YELLOW], [COLOR <i>n</i>]	These codes display the characters in the specified colors. Note <i>n</i> is a value from 1 to 56 and refers to the nth color in the color palette.
[<i>Condition value</i>]	<i>Condition</i> may be <, >, =, >=, <=, <> and <i>value</i> may be any number. Note A number format may contain up to two conditions.