



Python format() Function

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Example

Format the number 0.5 into a percentage value:

```
x = format(0.5, '%')
```

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Definition and Usage

The `format()` function formats a specified value into a specified format.



```
format(value, format)
```

Parameter Values

Parameter	Description
<i>value</i>	A value of any format
<i>format</i>	<p>The format you want to format the value into.</p> <p>Legal values:</p> <ul style="list-style-type: none">'<' - Left aligns the result (within the available space)'>' - Right aligns the result (within the available space)'^' - Center aligns the result (within the available space)'=' - Places the sign to the left most position'+' - Use a plus sign to indicate if the result is positive or negative'-' - Use a minus sign for negative values only' ' - Use a leading space for positive numbers',' - Use a comma as a thousand separator'_' - Use an underscore as a thousand separator'b' - Binary format'c' - Converts the value into the corresponding unicode character'd' - Decimal format'e' - Scientific format, with a lower case e'E' - Scientific format, with an upper case E'f' - Fix point number format'F' - Fix point number format, upper case'g' - General format'G' - General format (using a upper case E for scientific notations)'o' - Octal format

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'n' - Number format

'%' - Percentage format

More Examples

Example

Format 255 into a hexadecimal value:

```
x = format(255, 'x')
```

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