

str()

Converts a Boolean or Number to String.

`str()` converts values to strings. See the [String](#) reference page for guidance on using template literals instead.

The parameter, `n`, is the value to convert. If `n` is a Boolean, as in `str(false)` or `str(true)`, then the value will be returned as a string, as in `'false'` or `'true'`. If `n` is a number, as in `str(123)`, then its value will be returned as a string, as in `'123'`. If an array is passed, as in `str([12.34, 56.78])`, then an array of strings will be returned.

Examples

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■

false : false

```
function setup() {
  createCanvas(100, 100);

  background(200);

  // Create a Boolean variable.
  let original = false;

  // Convert the Boolean to a string.
  let converted = str(original);

  // Style the text.
  textAlign(CENTER, CENTER);
  textSize(16);

  // Display the original and converted values.
  text(`${original} : ${converted}`, 50, 50);

  describe('The text "false : false" written in black on a gray background.');
```

▶

■

```
function setup() {
  createCanvas(100, 100);

  background(200);

  // Create a number variable.
  let original = 123;

  // Convert the number to a string.
  let converted = str(original);

  // Style the text.
  textAlign(CENTER, CENTER);
  textSize(16);

  // Display the original and converted values.
  text(`${original} = ${converted}`, 50, 50);

  describe('The text "123 = 123" written in black on a gray background.');
```

▶

■

```
function setup() {
  createCanvas(100, 100);

  background(200);

  // Create an array of numbers.
  let original = [12, 34, 56];

  // Convert the numbers to strings.
  let strings = str(original);

  // Create an empty string variable.
  let final = '';

  // Concatenate all the strings.
  for (let s of strings) {
    final += s;
  }

  // Style the text.
  textAlign(CENTER, CENTER);
  textSize(16);

  // Display the concatenated string.
  text(final, 50, 50);

  describe('The text "123456" written in black on a gray background.');
```

Syntax

str(n)

Parameters

`n` String|Boolean|Number: value to convert.

Returns

String: converted string.

This page is generated from the comments in [src/utilities/conversion.js](#). Please feel free to edit it and submit a pull request!

Related References

boolean Converts a String or Number to a Boolean.	byte Converts a Boolean, String, or Number to its byte value.	char Converts a Number or String to a single-character String.	float Converts a String to a floating point (decimal) Number.
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