# Converting Colors

Hex(0A8080)

Have a look what the booklet for Hex(0A8080) contains.

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# Color

Hex(0A8080)

# Conversions

Conversions Part 1

| Format | Color |
|---|---|
| Hex | 0A8080 |
| RGB | 10, 128, 128 |
| RGB Percent | 4%, 50%, 50% |
| CMY | 0.9608, 0.4980, 0.4980 |
| CMYK | 0.92, 0.00, 0.00, 0.50 |
| HSL | 180°, 86%, 27% |
| HSV | 180°, 92%, 50% |
| XYZ | 11.7406, 17.0614, 23.0965 |
| YIQ | 92.7180, -70.3280, -25.0160 |

# Conversions

Conversions Part 2

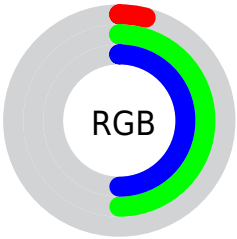
| Format | Color |
|---|---|
| RYB | 10, 69, 128 |
| Decimal | 688256 |
| CIELab | 48.34, -28.30, -8.35 |
| CIELCh | 48, 29.510, 196.439 |
| Yxy | 17.0614, 0.2262, 0.3287 |
| Android (android.graphics.Color) | 4278878336 (0xFF0A8080) |
| YUV | 92.7180, 17.3940, -72.5437 |
| Hunter-Lab | 41.3054, -21.5478, -4.2390 |

# Details

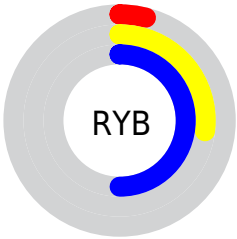
The Hex color 0A8080 is a dark color, and the websafe version is hex 339999. A complement of this color would be 800A0A, and the grayscale version is 5D5D5D.

A 20% lighter version of the original color is 55B5B5, and 004E4F is the 20% darker color. If you saturate the color by 10%, you get 008080, and if you desaturate by 10%, it is 178080.

# Distribution

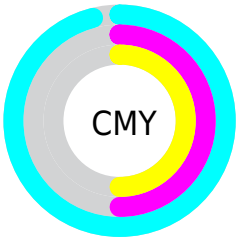



- Red (4%)
- Green (50%)
- Blue (50%)




- Red (4%)
- Yellow (27%)
- Blue (50%)

- Cyan (92%)
- Magenta (0%)
- Yellow (0%)
- Black (50%)




- Cyan (96%)
- Magenta (50%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0A8080 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 0A8080 by changing the saturation by 10% instead.

| | |
|---|---|
| 0A8080 | 0A8080 |
| FFFFFF | 006767 |
| 55B5B5 | 004E4F |
| 72D1D0 | 003738 |
| 8FEEED | 002223 |
| ABFFFF | 00010D |
| C8FFFF | 000000 |
| E6FFFF | |

| | |
|---|---|
| 0A8080 | 0A8080 |
| 008080 | 178080 |

248080

308080

3D8080

4A8080

578080

648080

708080

7D8080

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.

387F66

0A8080

007E96

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.

0A8080

876795

8D6D42

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.

0A8080

800A0A

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.

9D6550

0A8080

9C607F

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.

0A8080

6570A2

A36066

757642

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.

0A8080

277BA0

A36066

936A45

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.

0A8080

77A6A6

0A800A

385454



D4D4D4

545454

# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.

0A8080

00A6A6

0A4580

394040

008080

000000

# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.

800A80

A600A6

80450A

403940

800080

000000

# Previews

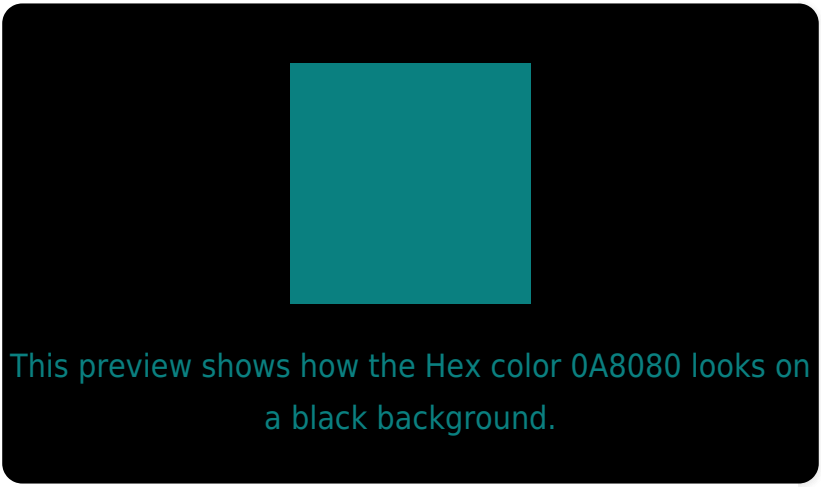
## White Background

This preview shows how the Hex color 0A8080 looks on a white background.

### Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

# Black Background

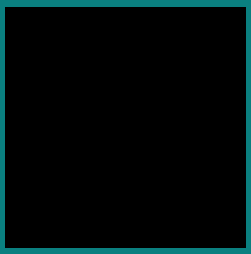



### Color Contrast Check

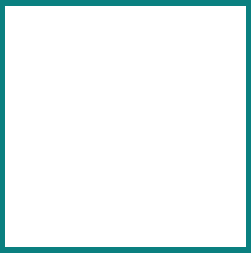
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

# Hex 0A8080 Background



This preview shows how black text looks on a background with the Hex color 0A8080.



This preview shows how white text looks on a background with the Hex color 0A8080.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their article about color blindness.

## Dichromacy

**Original Color**
0A8080

**Protanopia**
737277

**Deuteranopia**
756F84

**Tritanopia**
197F89

# Trichromacy

**Original Color**
0A8080

**Protanomaly**
4D777A

**Deuteranomaly**
4E7583

**Tritanomaly**
147F86

# Monochromacy

**Original Color**
0A8080

**Achromatopsia**
5D5D5D

**Achromatomaly**
3F6A6A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0A8080 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #0A8080 looks like.

```
.text, #text, p{
    color:#0A8080
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our CSS Text Shadow Generator.

Here you see how black text with a 4 pixel #0A8080 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A8080
}
```

## Border

The CSS property to change the border of an element to Hex 0A8080 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0A8080 }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:#0A8080 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #0A8080 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #0A8080; -webkit-box-shadow:4px 4px 4px 4px #0A8080; box-shadow:4px 4px 4px 4px #0A8080 }
```

# Background

The CSS property to change the background color of an element to Hex 0A8080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:#0A8080 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#0A8080 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our online CSS compressor and optimizer based on csstidy. If you want to create a linear or radial gradient as background or border, check our CSS Gradient Generator.

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