

Converting Colors

Hex(08B78F)

Have a look what the booklet for
Hex(08B78F) contains.

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Color

Hex(08B78F)

Conversions

Conversions Part 1

Format	Color
Hex	08B78F
RGB	8, 183, 143
RGB Percent	3%, 72%, 56%
CMY	0.9686, 0.2824, 0.4392
CMYK	0.96, 0.00, 0.22, 0.28
HSL	166°, 92%, 37%
HSV	166°, 96%, 72%
XYZ	21.9916, 35.9018, 31.7573
YIQ	126.1150, -91.4600, -49.5400

Conversions

Conversions Part 2

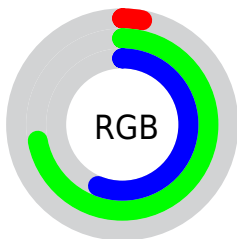
Format	Color
RYB	8, 107, 183
Decimal	571279
CIELab	66.44, -48.41, 9.51
CIELCh	66, 49.335, 168.884
Yxy	35.9018, 0.2453, 0.4005
Android (android.graphics.Color)	4278761359 (0xFF08B78F)
YUV	126.1150, 8.3243, -103.5869
Hunter-Lab	59.9181, -39.3423, 10.5183

Details

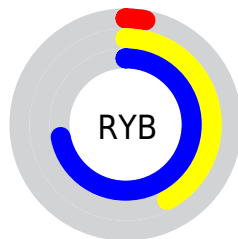
The Hex color **08B78F** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **B70830**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **62F0C5**, and **00815D** is the 20% darker color. If you saturate the color by 10%, you get **00B78D**, and if you desaturate by 10%, it is **1AB793**.

Distribution



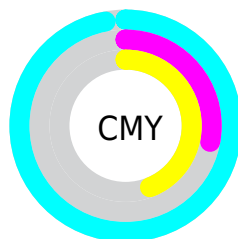
- Red (3%)
- Green (72%)
- Blue (56%)



- Red (3%)
- Yellow (42%)
- Blue (72%)



- Cyan (96%)
- Magenta (0%)
- Yellow (22%)
- Black (28%)




- Cyan (97%)
- Magenta (28%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 08B78F 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 08B78F by changing the saturation by 10% instead.

 08B78F

 08B78F

FFFFFF

 009C75

 62F0C5

 00815D

 81FFE1

 006745

 A0FFFD

 004E2F

 BEFFFF

 00361A


 DCFFFF

 001F00

 FBFFFF

 000000

 08B78F

 08B78F

 00B78D

 1AB793

 2DB797

 3FB79C

 51B7A0

 64B7A4

 76B7A8

 88B7AC

 9AB7B0

 ADB7B5

Harmonies

Analogous

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



6DB265



08B78F



00B8BD

Triad

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



08B78F



8A9CF5



E88960

Complementary

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



08B78F



B70830

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.



F57D87



08B78F



C88BDC

Square

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



08B78F



00ABF8



EB7EB4



CA9949

Rectangle

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



08B78F



00B6D8



EB7EB4



EF846C

Sweetspot

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



08B78F



A8EDDD



31B708



4E786E



F7F7F7



787878

Same Dimension

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



08B78F



00EDB7



0888B7



535C5A



009C78



001C16

Inverse Universe

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



B70830



ED0036



B73708



5C5355



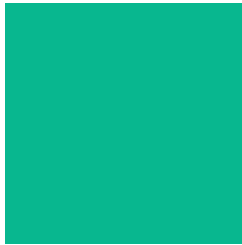
9C0024



1C0006

Previews

White Background



This preview shows how the Hex color 08B78F looks on a white background.

Color Contrast Check

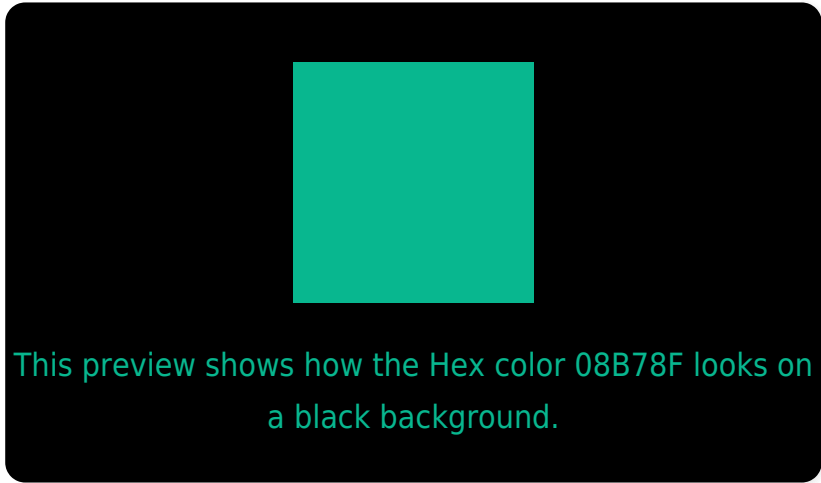
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

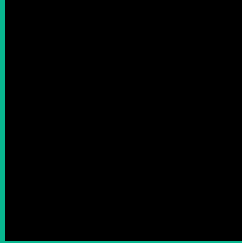
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 08B78F Background



This preview shows how black text looks on a background with the Hex color 08B78F.

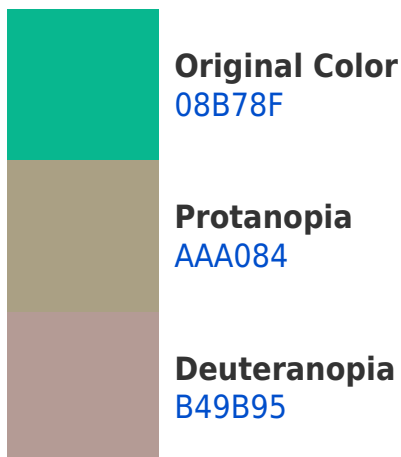


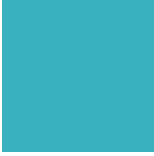
This preview shows how white text looks on a background with the Hex color 08B78F.

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





Tritanopia
39B1BF

Trichromacy



Original Color
08B78F



Protanomaly
6FA888



Deuteranomaly
75A593



Tritanomaly
27B3AE

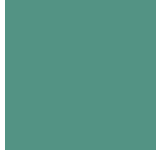
Monochromacy



Original Color
08B78F



Achromatopsia
7E7E7E



Achromatomaly
539384

CSS Examples

Text

The CSS property to change the color of the text to Hex 08B78F 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 #08B78F looks like.

```
.text, #text, p{  
    color:#08B78F  
}
```

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 #08B78F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #08B78F
}
```

Border

The CSS property to change the border of an element to Hex 08B78F 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
#08B78F }
```

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

```
.border{ border-color:#08B78F }
```

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

Here you see how a box with a 4 pixel #08B78F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #08B78F; -webkit-box-shadow:4px 4px  
4px 4px #08B78F; box-shadow:4px 4px 4px  
4px #08B78F }
```

Background

The CSS property to change the background color of an element to Hex 08B78F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#08B78F }
```

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

```
.background{ background-color:#08B78F }
```

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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