

Converting Colors

Hex(48BFBF)

Have a look what the booklet for
Hex(48BFBF) contains.

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Color

Hex(48BFBF)

Conversions

Conversions Part 1

Format	Color
Hex	48BFBF
RGB	72, 191, 191
RGB Percent	28%, 75%, 75%
CMY	0.7176, 0.2510, 0.2510
CMYK	0.62, 0.00, 0.00, 0.25
HSL	180°, 48%, 52%
HSV	180°, 62%, 75%
XYZ	30.7073, 42.4009, 55.8560
YIQ	155.4190, -70.9240, -25.2280

Conversions

Conversions Part 2

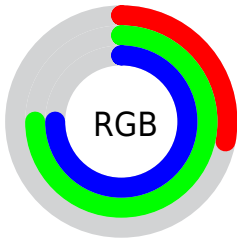
Format	Color
RYB	72, 132, 191
Decimal	4767679
CIELab	71.15, -32.54, -9.85
CIElCh	71, 34.002, 196.840
Yxy	42.4009, 0.2381, 0.3288
Android (android.graphics.Color)	4282957759 (0xFF48BFBF)
YUV	155.4190, 17.5414, -73.1585
Hunter-Lab	65.1160, -29.7763, -5.2773

Details

The Hex color **48BFBF** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **BF4848**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **86F8F7**, and **00898A** is the 20% darker color. If you saturate the color by 10%, you get **35BFBF**, and if you desaturate by 10%, it is **5BBFBF**.

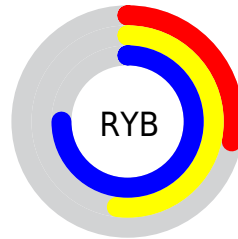
Distribution



Red (28%)

Green (75%)

Blue (75%)



Red (28%)

Yellow (52%)

Blue (75%)

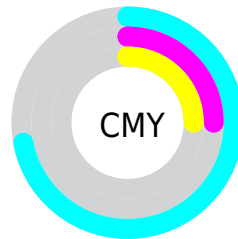


Cyan (62%)

Magenta (0%)

Yellow (0%)

Black (25%)



Cyan (72%)

Magenta (25%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48BFBF 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 48BFBF by changing the saturation by 10% instead.



48BFBF



48BFBF

FFFFFF



21A4A4



86F8F7



00898A



A4FFFF



006F70



C1FFFF



005658



DFFFFF



003E41

FEFFFF



00282B



000917



000000



48BFBF



48BFBF

■ 35BFBF

■ 5BBFBF

■ 22BFBF

■ 6EBFBF

■ 0FBFBF

■ 81BFBF

■ 00BFBF

■ 94BFBF

■ A8BFBF

■ BBBFBF

■ CEBFBF

■ E1BFBF

■ F4BFBF

Harmonies

Analogous

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



69BE9F



48BFBF



47BCDA

Triad

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



48BFBF



C8A0D9



D0A872

Complementary

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



48BFBF



BF4848

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.



E49D82



48BFBF



E298BD

Square

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



48BFBF



9FABE9



EC979E



B2B272

Rectangle

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



48BFBF



5FB8E6



EC979E



D8A476

Sweetspot

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



48BFBF



C8F7F7



48BF48



607D7D



FCFCFC



7D7D7D

Same Dimension

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



48BFBF



3EF7F7



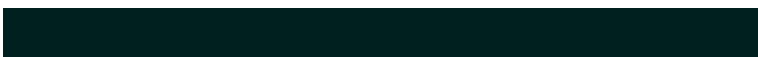
4884BF



555E5E



009E9E



001F1F

Inverse Universe

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



BF48BF



F73EF7



BF8448



5E555E



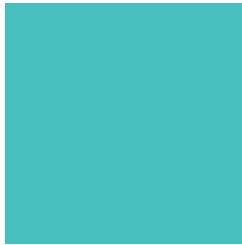
9E009E



1F001F

Previews

White Background



This preview shows how the Hex color 48BFBF 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



This preview shows how the Hex color 48BFBF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

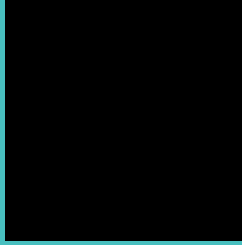
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

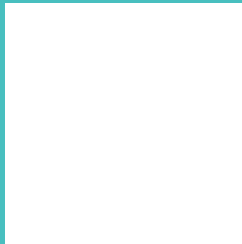
Any Text WCAG AAA ✓ Pass

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

Hex 48BFBF Background



This preview shows how black text looks on a background with the Hex color 48BFBF.

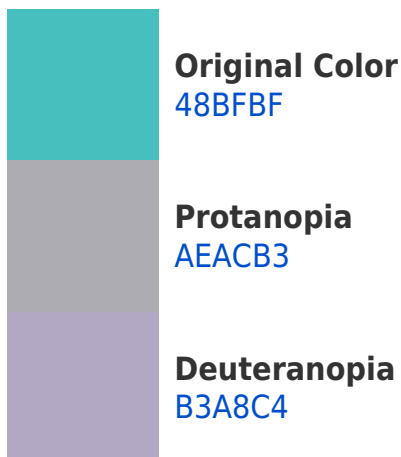


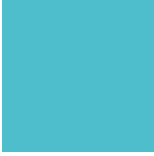
This preview shows how white text looks on a background with the Hex color 48BFBF.

Color Blindness Simulation

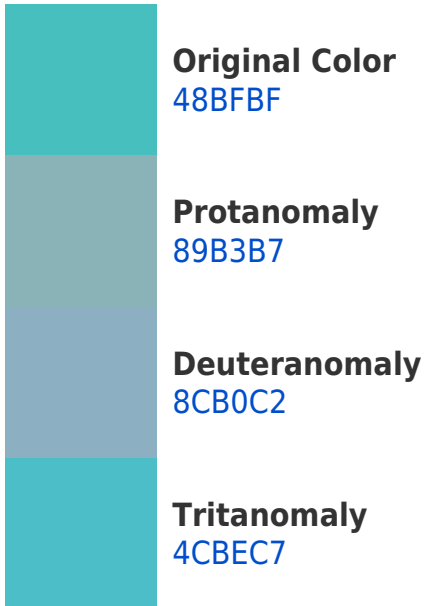
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

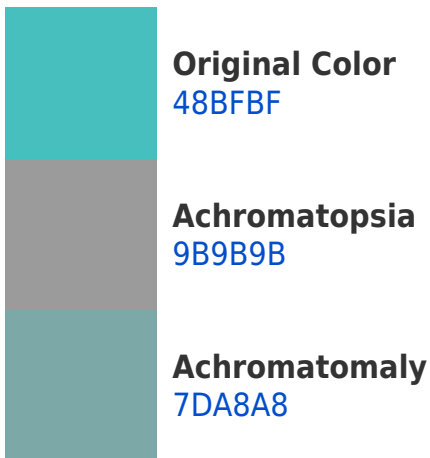




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 48BFBF 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 #48BFBF looks like.

```
.text, #text, p{  
    color:#48BFBF  
}
```

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 #48BFBF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48BFBF
}
```

Border

The CSS property to change the border of an element to Hex 48BFBF 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
#48BFBF }
```

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

```
.border{ border-color:#48BFBF }
```

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

Here you see how a box with a 4 pixel #48BFBF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48BFBF; -webkit-box-shadow:4px 4px  
4px 4px #48BFBF; box-shadow:4px 4px 4px  
4px #48BFBF }
```

Background

The CSS property to change the background color of an element to Hex 48BFBF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48BFBF }
```

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

```
.background{ background-color:#48BFBF }
```

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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