

# Converting Colors

Hex(48F0B6)

Have a look what the booklet for  
Hex(48F0B6) contains.

<b>Hex(48F0B6)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(48F0B6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	48F0B6
RGB	72, 240, 182
RGB Percent	28%, 94%, 71%
CMY	0.7176, 0.0588, 0.2863
CMYK	0.70, 0.00, 0.24, 0.06
HSL	159°, 85%, 61%
HSV	159°, 70%, 94%
XYZ	42.2761, 67.0753, 54.9746
YIQ	183.1560, -81.5100, -53.6540

# Conversions

## Conversions Part 2

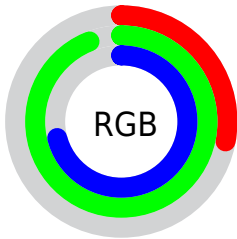
<b>Format</b>	<b>Color</b>
<b>RYB</b>	72, 174, 240
Decimal	4780214
CIELab	85.54, -56.01, 15.82
CIELCh	86, 58.200, 164.232
Yxy	67.0753, 0.2573, 0.4082
Android (android.graphics.Color)	4282970294 (0xFF48F0B6)
YUV	183.1560, -0.5699, -97.4838
Hunter-Lab	81.8995, -51.1834, 17.5316

# Details

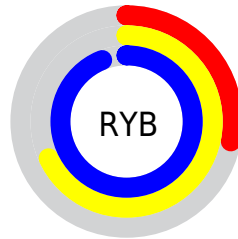
The Hex color **48F0B6** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed spring green. A complement of this color would be **F04882**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **8CFFEE**, and **00B781** is the 20% darker color. If you saturate the color by 10%, you get **30F0AE**, and if you desaturate by 10%, it is **60F0BE**.

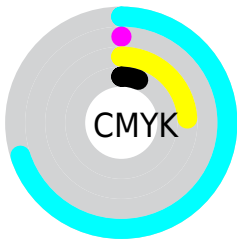
# Distribution



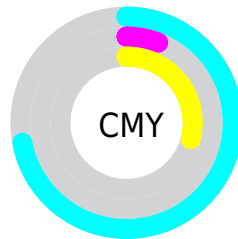
- Red (28%)
- Green (94%)
- Blue (71%)



- Red (28%)
- Yellow (68%)
- Blue (94%)



- Cyan (70%)
- Magenta (0%)
- Yellow (24%)
- Black (6%)



- Cyan (72%)
- Magenta (6%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 48F0B6 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 48F0B6 by changing the saturation by 10% instead.



 48F0B6

 48F0B6


FFFFFF

 13D39B

 8CFFEE

 00B781

 ABFFFF

 009B68

 CAFFFF

 008050

 E9FFFF

 006638

 004D23

 00350D

 001C00

 000000

 48F0B6

 48F0B6

 30F0AE

 60F0BE

 18F0A5

 78F0C7

 00F09D

 90F0CF

 A8F0D7

 C0F0DF

 D8F0E8

 F0F0F0

 FFF0F8

 FFF0FF

# Harmonies

## Analogous

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



A0E884



48F0B6



00F2EF

# Triad

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



48F0B6



AAD3FF



FFB58B

# Complementary

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



48F0B6



F04882

# 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.



FFA8BE



48F0B6



FCBDFE

# Square

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



48F0B6



00E4FF



FFACF5



FFC86A

# Rectangle

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



48F0B6



00F0FF



FFACF5



FFAF9B

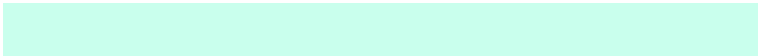


# Sweetspot

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



48F0B6



C9FFED



83F048



608074



000000



808080



# Same Dimension

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



48F0B6



29FFB5



48D7F0



6C7874



00B878



003825



# Inverse Universe

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



F04882



FF2973



F06148



786C70



B8003F

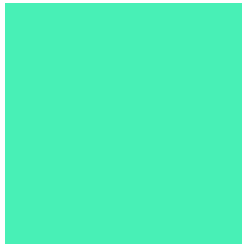


380013



# Previews

## White Background



This preview shows how the Hex color 48F0B6 looks on a white background.

## Color Contrast Check

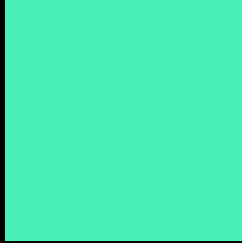
Large Text (above 18pt) WCAG AA × Fail

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 48F0B6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

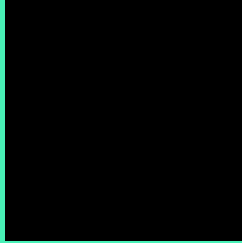
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 48F0B6 Background



This preview shows how black text looks on a background with the Hex color 48F0B6.

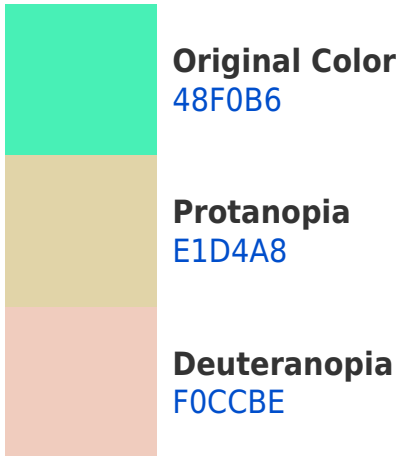


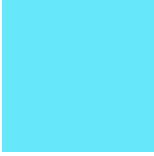
This preview shows how white text looks on a background with the Hex color 48F0B6.

# 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**  
66E7FA

# Trichromacy



**Original Color**  
48F0B6



**Protanomaly**  
A9DEAD



**Deuteranomaly**  
B3D9BB



**Tritanomaly**  
5BEAE1

# Monochromacy



**Original Color**  
48F0B6



**Achromatopsia**  
B7B7B7



**Achromatomaly**  
8FCCB7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 48F0B6 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 #48F0B6 looks like.

```
.text, #text, p{  
    color:#48F0B6  
}
```

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 #48F0B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48F0B6
}
```

## Border

The CSS property to change the border of an element to Hex 48F0B6 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
#48F0B6 }
```

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

```
.border{ border-color:#48F0B6 }
```

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

Here you see how a box with a 4 pixel #48F0B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48F0B6; -webkit-box-shadow:4px 4px  
4px 4px #48F0B6; box-shadow:4px 4px 4px  
4px #48F0B6 }
```

# Background

The CSS property to change the background color of an element to Hex 48F0B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48F0B6 }
```

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

```
.background{ background-color:#48F0B6 }
```

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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