

Converting Colors

Hex(48F3B2)

Have a look what the booklet for
Hex(48F3B2) contains.

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Color

Hex(48F3B2)

Conversions

Conversions Part 1

Format	Color
Hex	48F3B2
RGB	72, 243, 178
RGB Percent	28%, 95%, 70%
CMY	0.7176, 0.0471, 0.3020
CMYK	0.70, 0.00, 0.27, 0.05
HSL	157°, 88%, 62%
HSV	157°, 70%, 95%
XYZ	42.7590, 68.6933, 53.1250
YIQ	184.4610, -81.0510, -56.4670

Conversions

Conversions Part 2

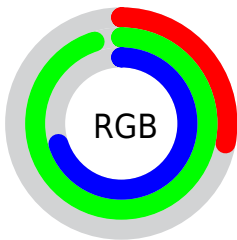
Format	Color
RYB	72, 178, 243
Decimal	4780978
CIELab	86.35, -58.05, 19.02
CIELCh	86, 61.090, 161.861
Yxy	68.6933, 0.2598, 0.4174
Android (android.graphics.Color)	4282971058 (0xFF48F3B2)
YUV	184.4610, -3.1853, -98.6283
Hunter-Lab	82.8814, -52.9533, 20.0135

Details

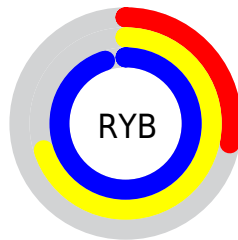
The Hex color **48F3B2** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed spring green. A complement of this color would be **F34889**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **8CFFEA**, and **00BA7D** is the 20% darker color. If you saturate the color by 10%, you get **30F3A9**, and if you desaturate by 10%, it is **60F3BB**.

Distribution



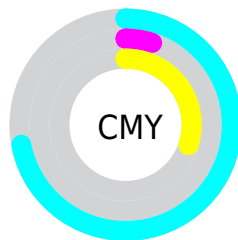
- Red (28%)
- Green (95%)
- Blue (70%)



- Red (28%)
- Yellow (70%)
- Blue (95%)



- Cyan (70%)
- Magenta (0%)
- Yellow (27%)
- Black (5%)



- Cyan (72%)
- Magenta (5%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48F3B2 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 48F3B2 by changing the saturation by 10% instead.

 48F3B2

FFFFFF

 8CFFEA

 ACFFFF


 CBFFFF

 EAFFFF

 48F3B2

 12D697

 00BA7D

 009E64

 00834C

 006835

 004F1F

 003708

 001E00

 000000

 48F3B2

 48F3B2

 30F3A9

 60F3BB

 17F3A0

 79F3C4

 00F397

 91F3CE

 A9F3D7

 C1F3E0

 DAF3E9

 F2F3F3

 FFF3FC

 FFF3FF

Harmonies

Analogous

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



A4EB7E



48F3B2



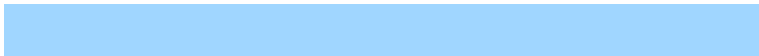
00F6EE

Triad

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



48F3B2



A0D6FF



FFB38D

Complementary

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



48F3B2



F34889

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.



FFA7C3



48F3B2



FAC0FF

Square

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



48F3B2



00E8FF



FFACFE



FFC869

Rectangle

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



48F3B2



00F4FF



FFACFE



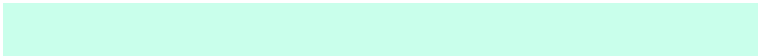
FFAE9E

Sweetspot

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



48F3B2



C9FFEB



8AF348



608073



000000



808080

Same Dimension

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



48F3B2



29FFAE



48DFF3



6E7A76



00BA73



003B24

Inverse Universe

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



F34889



FF297A



F35C48



7A6E73



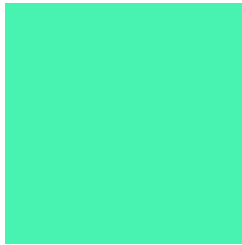
BA0047



3B0016

Previews

White Background



This preview shows how the Hex color 48F3B2 looks on a white background.

Color Contrast Check

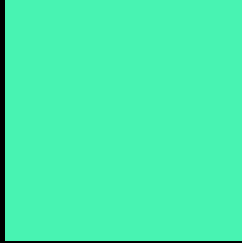
Large Text (above 18pt) WCAG AA × Fail

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 48F3B2 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 48F3B2 Background



This preview shows how black text looks on a background with the Hex color 48F3B2.

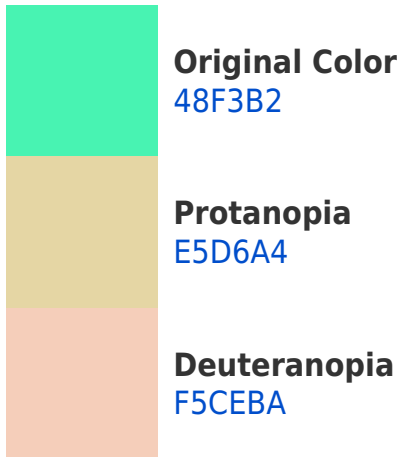


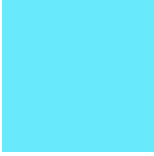
This preview shows how white text looks on a background with the Hex color 48F3B2.

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
68E9FC

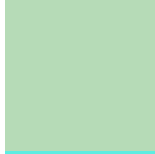
Trichromacy



Original Color
48F3B2



Protanomaly
ACE1A9



Deuteranomaly
B6DBB7

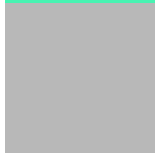


Tritanomaly
5CEDE1

Monochromacy



Original Color
48F3B2



Achromatopsia
B8B8B8



Achromatomaly
8FCDB6

CSS Examples

Text

The CSS property to change the color of the text to Hex 48F3B2 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 #48F3B2 looks like.

```
.text, #text, p{  
    color:#48F3B2  
}
```

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 #48F3B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48F3B2
}
```

Border

The CSS property to change the border of an element to Hex 48F3B2 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
#48F3B2 }
```

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

```
.border{ border-color:#48F3B2 }
```

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

Here you see how a box with a 4 pixel #48F3B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48F3B2; -webkit-box-shadow:4px 4px  
4px 4px #48F3B2; box-shadow:4px 4px 4px  
4px #48F3B2 }
```

Background

The CSS property to change the background color of an element to Hex 48F3B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48F3B2 }
```

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

```
.background{ background-color:#48F3B2 }
```

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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