

# Converting Colors

Hex(48F3A2)

Have a look what the booklet for  
Hex(48F3A2) contains.

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# Color

Hex(48F3A2)

# Conversions

## Conversions Part 1

Format	Color
Hex	48F3A2
RGB	72, 243, 162
RGB Percent	28%, 95%, 64%
CMY	0.7176, 0.0471, 0.3647
CMYK	0.70, 0.00, 0.33, 0.05
HSL	152°, 88%, 62%
HSV	152°, 70%, 95%
XYZ	41.2447, 68.0875, 45.1508
YIQ	182.6370, -75.9150, -61.4430

# Conversions

## Conversions Part 2

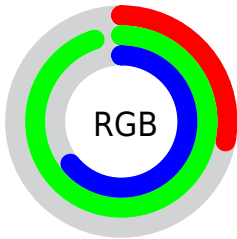
Format	Color
<a href="#">RYB</a>	<a href="#">72, 184, 243</a>
Decimal	<a href="#">4780962</a>
CIELab	<a href="#">86.05, -61.33, 26.81</a>
CIELCh	<a href="#">86, 66.933, 156.390</a>
Yxy	<a href="#">68.0875, 0.2670, 0.4407</a>
Android (android.graphics.Color)	<a href="#">4282971042 (0xFF48F3A2)</a>
YUV	<a href="#">182.6370, -10.1740, -97.0286</a>
Hunter-Lab	<a href="#">82.5152, -55.1795, 25.3182</a>

# Details

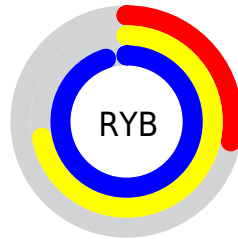
The Hex color **48F3A2** is a light color, and the websafe version is hex **66FF99**. The color can be described as light washed spring green. A complement of this color would be **F34899**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **8CFFD9**, and **00BA6E** is the 20% darker color. If you saturate the color by 10%, you get **30F396**, and if you desaturate by 10%, it is **60F3AE**.

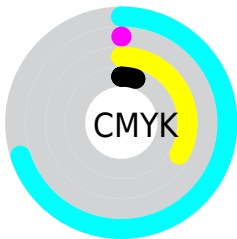
# Distribution



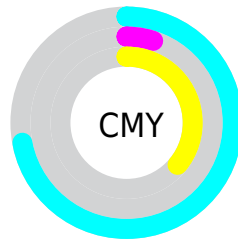
- Red (28%)
- Green (95%)
- Blue (64%)



- Red (28%)
- Yellow (72%)
- Blue (95%)



- Cyan (70%)
- Magenta (0%)
- Yellow (33%)
- Black (5%)



- Cyan (72%)
- Magenta (5%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 48F3A2 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 48F3A2 by changing the saturation by 10% instead.



 48F3A2

 48F3A2

FFFFFF

 12D687

 8CFFD9

 00BA6E

 ABFFF6

 009E55

 CBFFF6

 00833D

 EAFFFF

 006826

 004F0F

 003700

 001D00

 000000

 48F3A2

 48F3A2

 30F396

 60F3AE

 17F38B

 79F3B9

 00F380

 91F3C5

 A9F3D0

 C1F3DC

 DAF3E7

 F2F3F3

 FFF3FE

 FFF3FF

# Harmonies

## Analogous

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



ABE96C



48F3A2



00F7E3

# Triad

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



48F3A2



79DAFF



FFAB8F

# Complementary

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



48F3A2



F34899

# 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.



FF9FCC



48F3A2



EDC1FF

# Square

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



48F3A2



00EBFF



FFA9FF



FFC261

# Rectangle

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



48F3A2



00F6FF



FFA9FF



FFA5A2

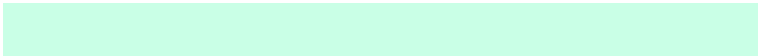


# Sweetspot

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



48F3A2



C9FFE6



9BF348



608070



000000



808080



# Same Dimension

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



48F3A2



29FF9A



48F0F3



6E7A75



00BA62



003B1F



# Inverse Universe

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



F34899



FF298E



F34B48



7A6E74



BA0058

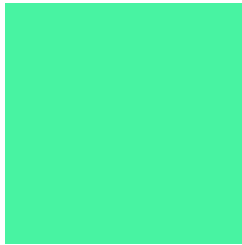


3B001C



# Previews

## White Background



This preview shows how the Hex color 48F3A2 looks on a white background.

## Color Contrast Check

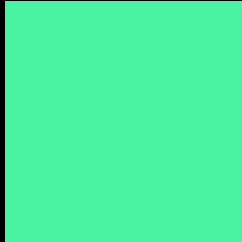
Large Text (above 18pt) WCAG AA × Fail

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 48F3A2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

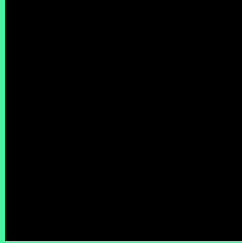
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 48F3A2 Background



This preview shows how black text looks on a background with the Hex color 48F3A2.

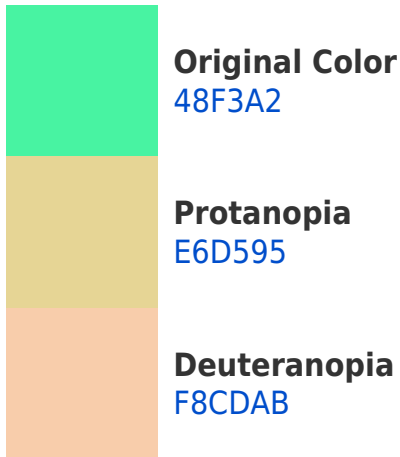


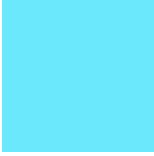
This preview shows how white text looks on a background with the Hex color 48F3A2.

# 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



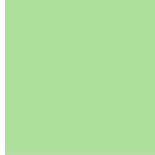


**Tritanopia**  
6BE8FB

# Trichromacy



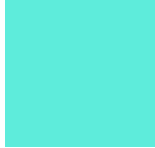
**Original Color**  
48F3A2



**Protanomaly**  
ADE09A



**Deuteranomaly**  
B8DBA8



**Tritanomaly**  
5EECDB

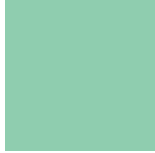
# Monochromacy



**Original Color**  
48F3A2



**Achromatopsia**  
B7B7B7



**Achromatomaly**  
8FCDAF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 48F3A2 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 #48F3A2 looks like.

```
.text, #text, p{  
    color:#48F3A2  
}
```

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 #48F3A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48F3A2
}
```

## Border

The CSS property to change the border of an element to Hex 48F3A2 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
#48F3A2 }
```

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

```
.border{ border-color:#48F3A2 }
```

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

Here you see how a box with a 4 pixel #48F3A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48F3A2; -webkit-box-shadow:4px 4px  
4px 4px #48F3A2; box-shadow:4px 4px 4px  
4px #48F3A2 }
```

# Background

The CSS property to change the background color of an element to Hex 48F3A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48F3A2 }
```

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

```
.background{ background-color:#48F3A2 }
```

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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