

# Converting Colors

Hex(50FAA0)

Have a look what the booklet for  
Hex(50FAA0) contains.

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# Color

Hex(50FAA0)

# Conversions

## Conversions Part 1

Format	Color
Hex	50FAA0
RGB	80, 250, 160
RGB Percent	31%, 98%, 63%
CMY	0.6863, 0.0196, 0.3725
CMYK	0.68, 0.00, 0.36, 0.02
HSL	148°, 94%, 65%
HSV	148°, 68%, 98%
XYZ	43.8390, 72.6148, 44.9632
YIQ	188.9100, -72.4300, -64.0300

# Conversions

## Conversions Part 2

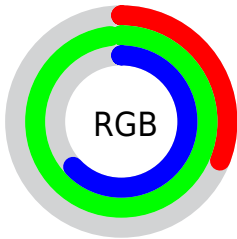
Format	Color
RYB	80, 196, 250
Decimal	5307040
CIELab	88.26, -63.09, 30.83
CIELCh	88, 70.225, 153.958
Yxy	72.6148, 0.2716, 0.4499
Android (android.graphics.Color)	4283497120 (0xFF50FAA0)
YUV	188.9100, -14.2526, -95.5141
Hunter-Lab	85.2143, -57.2945, 28.3657

# Details

The Hex color **50FAA0** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **FA50AA**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **93FFD7**, and **00C06C** is the 20% darker color. If you saturate the color by 10%, you get **37FA93**, and if you desaturate by 10%, it is **69FAAD**.

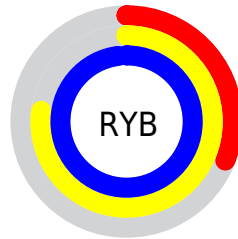
# Distribution



Red (31%)

Green (98%)

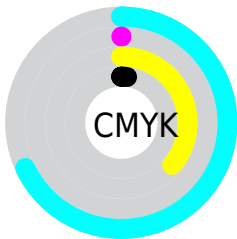
Blue (63%)



Red (31%)

Yellow (77%)

Blue (98%)

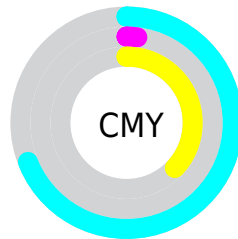


Cyan (68%)

Magenta (0%)

Yellow (36%)

Black (2%)



Cyan (69%)

Magenta (2%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 50FAA0 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 50FAA0 by changing the saturation by 10% instead.



 50FAA0

 50FAA0

FFFFFF

 22DD85

 93FFD7

 00C06C

 B2FFF4

 00A453

 D1FFFF

 00893B

 F0FFFF

 006E23

 00540A

 003C00

 002300

 000000

 50FAA0

 50FAA0

 37FA93

 69FAAD

 1EFA86

 82FABA

 05FA78

 9BFAC8

 00FA76

 B4FAD5

 CDFAE2

 E6FAEF

 FFFAFD

 FFFAFF

# Harmonies

## Analogous

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



B5EF68



50FAA0



00FEE5

# Triad

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



50FAA0



67E2FF



FFAC96

# Complementary

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



50FAA0



FA50AA

# 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.



FFA2D7



50FAA0



EDC8FF

# Square

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



50FAA0



00F4FF



FFAEFF



FFC464

# Rectangle

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



50FAA0



00FEFF



FFAEFF



FFA6AB

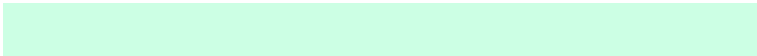


# Sweetspot

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



50FAAO



CCFFE4



ABFA50



61806F



000000



808080



# Same Dimension

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



50FAA0



2EFF90



50FAF4



707D76



00BD59



003D1D



# Inverse Universe

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



FA50AA



FF2E9D



FA5056



7D7077



BD0064

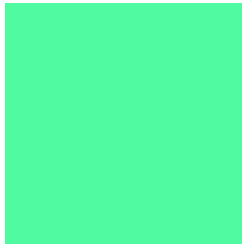


3D0020



# Previews

## White Background



This preview shows how the Hex color 50FAA0 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 50FAA0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

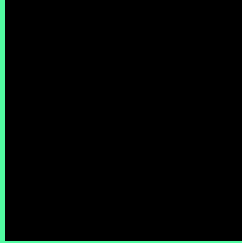
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 50FAA0 Background



This preview shows how black text looks on a background with the Hex color 50FAA0.

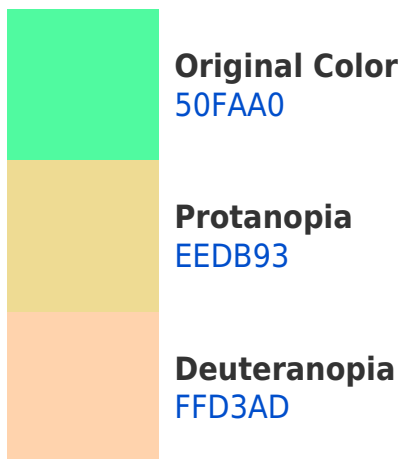


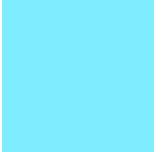
This preview shows how white text looks on a background with the Hex color 50FAA0.

# 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](#).

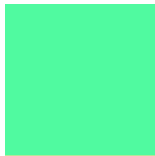
## Dichromacy





**Tritanopia**  
7EEDFF

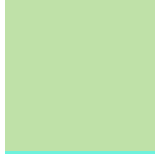
# Trichromacy



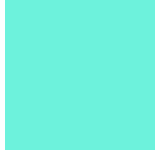
**Original Color**  
50FAA0



**Protanomaly**  
B5E698



**Deuteranomaly**  
BFE1A8



**Tritanomaly**  
6DF2DC

# Monochromacy



**Original Color**  
50FAA0



**Achromatopsia**  
BDBDBD



**Achromatomaly**  
95D3B2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 50FAA0 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 #50FAA0 looks like.

```
.text, #text, p{  
    color:#50FAA0  
}
```

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 #50FAA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50FAA0
}
```

## Border

The CSS property to change the border of an element to Hex 50FAA0 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
#50FAA0 }
```

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

```
.border{ border-color:#50FAA0 }
```

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

Here you see how a box with a 4 pixel #50FAA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50FAA0; -webkit-box-shadow:4px 4px  
4px 4px #50FAA0; box-shadow:4px 4px 4px  
4px #50FAA0 }
```

# Background

The CSS property to change the background color of an element to Hex 50FAA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50FAA0 }
```

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

```
.background{ background-color:#50FAA0 }
```

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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