

Converting Colors

Hex(47F5B0)

Have a look what the booklet for
Hex(47F5B0) contains.

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Color

Hex(47F5B0)

Conversions

Conversions Part 1

Format	Color
Hex	47F5B0
RGB	71, 245, 176
RGB Percent	28%, 96%, 69%
CMY	0.7216, 0.0392, 0.3098
CMYK	0.71, 0.00, 0.28, 0.04
HSL	156°, 90%, 62%
HSV	156°, 71%, 96%
XYZ	43.0874, 69.7790, 52.2720
YIQ	185.1080, -81.5550, -58.3470

Conversions

Conversions Part 2

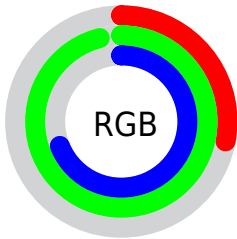
Format	Color
RYB	71, 180, 245
Decimal	4715952
CIELab	86.89, -59.39, 20.79
CIELCh	87, 62.922, 160.705
Yxy	69.7790, 0.2609, 0.4225
Android (android.graphics.Color)	4282906032 (0xFF47F5B0)
YUV	185.1080, -4.4902, -100.0727
Hunter-Lab	83.5338, -54.1125, 21.3724

Details

The Hex color **47F5B0** 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 **F5478C**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **8CFFE8**, and **00BC7B** is the 20% darker color. If you saturate the color by 10%, you get **2FF5A6**, and if you desaturate by 10%, it is **60F5BA**.

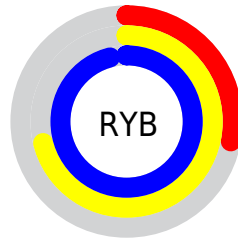
Distribution



Red (28%)

Green (96%)

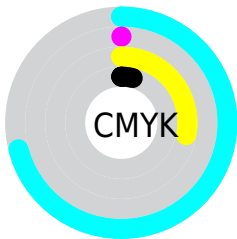
Blue (69%)



Red (28%)

Yellow (71%)

Blue (96%)

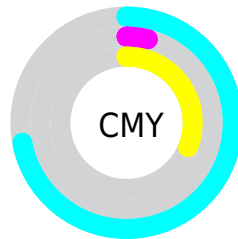


Cyan (71%)

Magenta (0%)

Yellow (28%)

Black (4%)



Cyan (72%)

Magenta (4%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47F5B0 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 47F5B0 by changing the saturation by 10% instead.

 47F5B0

 47F5B0

FFFFFF

 0DD895

 8CFFE8

 00BC7B

 ACFFFF

 00A062

 CBFFFF

 00854A

 EAFFFF

 006A33

 00501D

 003806

 002000

 000000

 47F5B0

 47F5B0

 2FF5A6

 60F5BA

 16F59D

 78F5C3

 00F594

 91F5CD

 A9F5D7

 C2F5E1

 DAF5EA

 F3F5F4

 FFF5FE

 FFF5FF

Harmonies

Analogous

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



A7EC7B



47F5B0



00F8EE

Triad

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



47F5B0



9AD9FF



FFB38F

Complementary

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



47F5B0



F5478C

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.



FFA7C6



47F5B0



FAC1FF

Square

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



47F5B0



00EBFF



FFADFF



FFC967

Rectangle

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



47F5B0



00F7FF



FFADFF



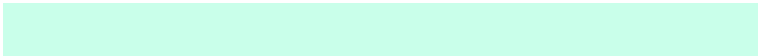
FFADA0

Sweetspot

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



47F5B0



C9FFEA



8DF547



608073



000000



808080

Same Dimension

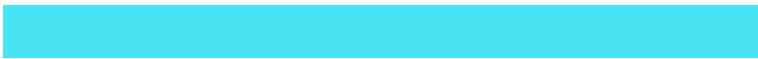
The Same Dimension uses a secret algorithm to generate beautiful new colors.



47F5B0



26FFA9



47E4F5



6E7A76



00BA70



003B23

Inverse Universe

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



F5478C



FF267C



F55847



7A6E73



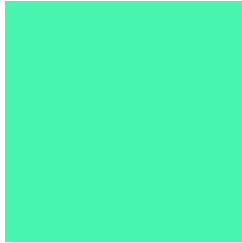
BA004A



3B0017

Previews

White Background



This preview shows how the Hex color 47F5B0 looks on a white background.

Color Contrast Check

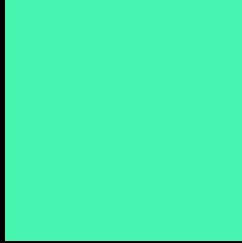
Large Text (above 18pt) WCAG AA × Fail

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 47F5B0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

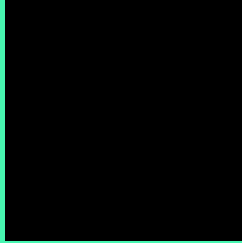
Any Text WCAG AA ✓ Pass

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 47F5B0 Background



This preview shows how black text looks on a background with the Hex color 47F5B0.

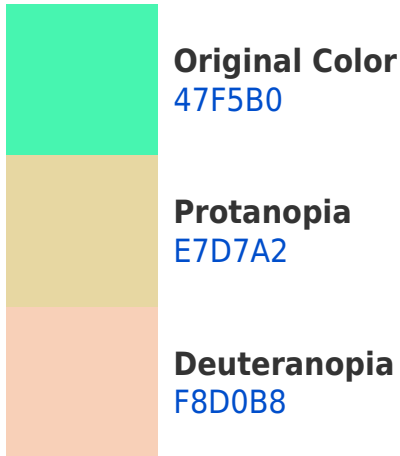


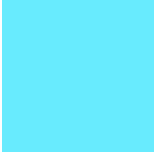
This preview shows how white text looks on a background with the Hex color 47F5B0.

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
68EBFE

Trichromacy



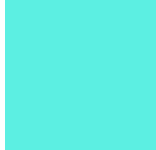
Original Color
47F5B0



Protanomaly
ADE2A7



Deuteranomaly
B8DDB5

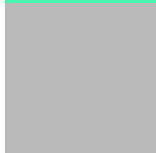


Tritanomaly
5CEFE2

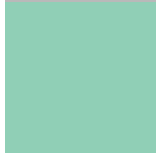
Monochromacy



Original Color
47F5B0



Achromatopsia
B9B9B9



Achromatomaly
90CFB6

CSS Examples

Text

The CSS property to change the color of the text to Hex 47F5B0 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 #47F5B0 looks like.

```
.text, #text, p{  
    color:#47F5B0  
}
```

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 #47F5B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47F5B0
}
```

Border

The CSS property to change the border of an element to Hex 47F5B0 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
#47F5B0 }
```

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

```
.border{ border-color:#47F5B0 }
```

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

Here you see how a box with a 4 pixel #47F5B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47F5B0; -webkit-box-shadow:4px 4px  
4px 4px #47F5B0; box-shadow:4px 4px 4px  
4px #47F5B0 }
```

Background

The CSS property to change the background color of an element to Hex 47F5B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47F5B0 }
```

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

```
.background{ background-color:#47F5B0 }
```

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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