

Converting Colors

Hex(5BF4D5)

Have a look what the booklet for
Hex(5BF4D5) contains.

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Color

Hex(5BF4D5)

Conversions

Conversions Part 1

Format	Color
Hex	5BF4D5
RGB	91, 244, 213
RGB Percent	36%, 96%, 84%
CMY	0.6431, 0.0431, 0.1647
CMYK	0.63, 0.00, 0.13, 0.04
HSL	168°, 87%, 66%
HSV	168°, 63%, 96%
XYZ	48.6753, 71.7296, 74.2305
YIQ	194.7190, -81.2370, -42.0770

Conversions

Conversions Part 2

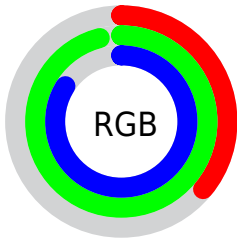
Format	Color
RYB	91, 176, 244
Decimal	6026453
CIELab	87.84, -47.55, 3.01
CIELCh	88, 47.643, 176.380
Yxy	71.7296, 0.2501, 0.3685
Android (android.graphics.Color)	4284216533 (0xFF5BF4D5)
YUV	194.7190, 9.0125, -90.9616
Hunter-Lab	84.6933, -45.6251, 7.3199

Details

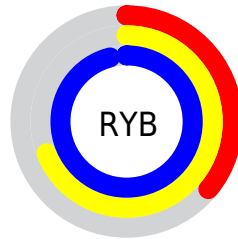
The Hex color **5BF4D5** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **F45B7A**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **9BFFFF**, and **00BB9E** is the 20% darker color. If you saturate the color by 10%, you get **43F4D0**, and if you desaturate by 10%, it is **73F4DA**.

Distribution



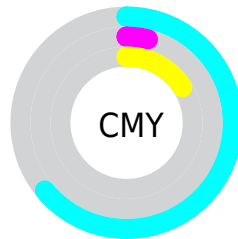
- Red (36%)
- Green (96%)
- Blue (84%)



- Red (36%)
- Yellow (69%)
- Blue (96%)



- Cyan (63%)
- Magenta (0%)
- Yellow (13%)
- Black (4%)



- Cyan (64%)
- Magenta (4%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5BF4D5 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 5BF4D5 by changing the saturation by 10% instead.

 5BF4D5

 5BF4D5

FFFFFF

 35D7B9

 9BFFFF

 00BB9E

 BAFFFF

 009F84

 D9FFFF

 00856B

 F8FFFF

 006A53

 00513C

 003926

 002312

 000000

 5BF4D5

 5BF4D5

 43F4D0

 73F4DA

 2AF4CB

 8CF4DF

 12F4C6

 A4F4E4

 00F4C3

 BDF4E9

 D5F4EE

 EDF4F3

 FFF4F8

 FFF4FD

 FFF4FF

Harmonies

Analogous

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



9BEFA9



5BF4D5



00F4FF

Triad

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



5BF4D5



D9D3FF



FFC892

Complementary

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



5BF4D5



F45B7A

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.



FFBBB6



5BF4D5



FFC2FF

Square

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



5BF4D5



8FE2FF



FFB9E4



FFD881

Rectangle

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



5BF4D5



00F0FF



FFB9E4



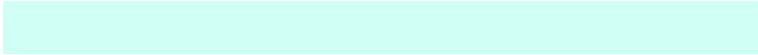
FFC39D

Sweetspot

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



5BF4D5



CFFF5



7CF45B



62807A



000000



808080

Same Dimension

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



5BF4D5



40FFD8



5BC9F4



6E7A78



00BA94



003B2F

Inverse Universe

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



F45B7A



FF4066



F4865B



7A6E71



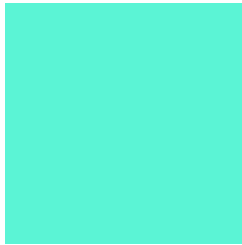
BA0026



3B000C

Previews

White Background



This preview shows how the Hex color 5BF4D5 looks on a white background.

Color Contrast Check

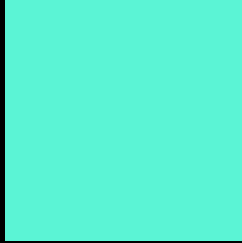
Large Text (above 18pt) WCAG AA × Fail

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 5BF4D5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

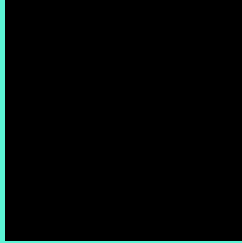
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

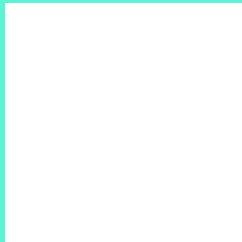
Any Text WCAG AAA ✓ Pass

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

Hex 5BF4D5 Background



This preview shows how black text looks on a background with the Hex color 5BF4D5.

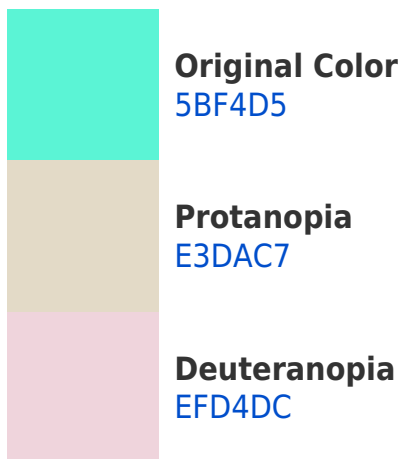


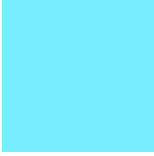
This preview shows how white text looks on a background with the Hex color 5BF4D5.

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
77EDFF

Trichromacy



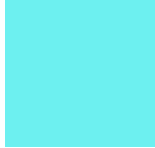
Original Color
5BF4D5



Protanomaly
B2E3CC



Deuteranomaly
B9E0D9

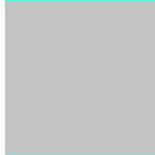


Tritanomaly
6DF0F0

Monochromacy



Original Color
5BF4D5



Achromatopsia
C3C3C3



Achromatomaly
9DD5CA

CSS Examples

Text

The CSS property to change the color of the text to Hex 5BF4D5 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 #5BF4D5 looks like.

```
.text, #text, p{  
    color:#5BF4D5  
}
```

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 #5BF4D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BF4D5
}
```

Border

The CSS property to change the border of an element to Hex 5BF4D5 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
#5BF4D5 }
```

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

```
.border{ border-color:#5BF4D5 }
```

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

Here you see how a box with a 4 pixel #5BF4D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BF4D5; -webkit-box-shadow:4px 4px  
4px 4px #5BF4D5; box-shadow:4px 4px 4px  
4px #5BF4D5 }
```

Background

The CSS property to change the background color of an element to Hex 5BF4D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BF4D5 }
```

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

```
.background{ background-color:#5BF4D5 }
```

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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