

Converting Colors

Hex(5BF0C5)

Have a look what the booklet for
Hex(5BF0C5) contains.

Hex(5BF0C5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5BF0C5)

Conversions

Conversions Part 1

Format	Color
Hex	5BF0C5
RGB	91, 240, 197
RGB Percent	36%, 94%, 77%
CMY	0.6431, 0.0588, 0.2275
CMYK	0.62, 0.00, 0.18, 0.06
HSL	163°, 83%, 65%
HSV	163°, 62%, 94%
XYZ	45.5525, 68.5755, 63.6589
YIQ	190.5470, -75.0010, -44.9610

Conversions

Conversions Part 2

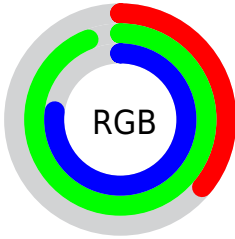
Format	Color
R_{YB}	91, 178, 240
Decimal	6025413
CIE _{Lab}	86.29, -49.63, 9.13
CIE _{LCh}	86, 50.467, 169.575
Yxy	68.5755, 0.2562, 0.3857
Android (android.graphics.Color)	4284215493 (0xFF5BF0C5)
YUV	190.5470, 3.1813, -87.3027
Hunter-Lab	82.8103, -46.7284, 12.3892

Details

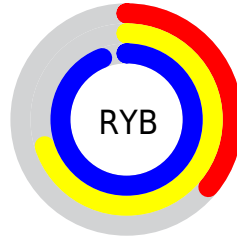
The Hex color **5BF0C5** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **F05B86**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **9AFFFE**, and **00B78F** is the 20% darker color. If you saturate the color by 10%, you get **43F0BE**, and if you desaturate by 10%, it is **73F0CC**.

Distribution



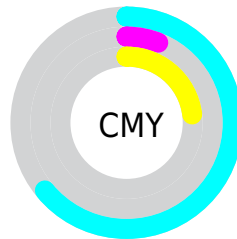
- Red (36%)
- Green (94%)
- Blue (77%)



- Red (36%)
- Yellow (70%)
- Blue (94%)



- Cyan (62%)
- Magenta (0%)
- Yellow (18%)
- Black (6%)



- Cyan (64%)
- Magenta (6%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5BF0C5 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 5BF0C5 by changing the saturation by 10% instead.

 5BF0C5

 5BF0C5


FFFFFF

 36D3AA

 9AFFFE

 00B78F

 B9FFFF

 009C76

 D7FFFF

 00815D

 F6FFFF

 006745

 004D2F

 00351A

 001E00

 000000

 5BF0C5

 5BF0C5

 43F0BE

 73F0CC

 2BF0B7

 8BF0D3

 13F0B0

 A3F0DA

 00F0AB

 BBF0E1

 D3F0E8

 EBF0EF

 FFF0F5

 FFF0FC

 FFF0FF

Harmonies

Analogous

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



A0EA98



5BF0C5



00F1F6

Triad

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



5BF0C5



C3D2FF



FFBF91

Complementary

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



5BF0C5



F05B86

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.



FFB3BA



5BF0C5



FFC0FF

Square

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



5BF0C5



6BE2FF



FFB3EB



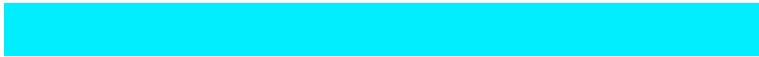
FFCF79

Rectangle

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



5BF0C5



00EEFF



FFB3EB



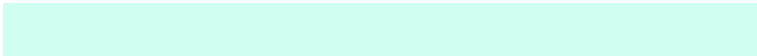
FFBA9D

Sweetspot

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



5BF0C5



CFFFF1



88F05B



628077



000000



808080

Same Dimension

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



5BF0C5



40FFC8



5BD2F0



6C7874



00B883



003828

Inverse Universe

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



F05B86



FF4077



F0795B



786C6F



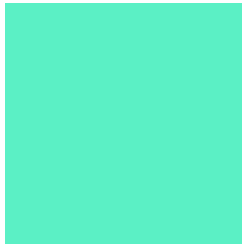
B80035



380010

Previews

White Background



This preview shows how the Hex color 5BF0C5 looks on a white background.

Color Contrast Check

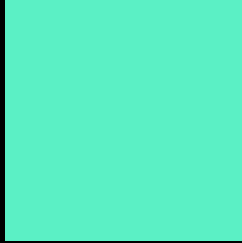
Large Text (above 18pt) WCAG AA × Fail

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 5BF0C5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

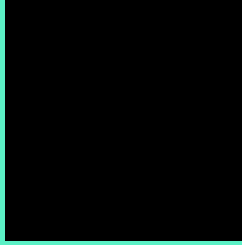
Any Text WCAG AA ✓ Pass

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 5BF0C5 Background



This preview shows how black text looks on a background with the Hex color 5BF0C5.

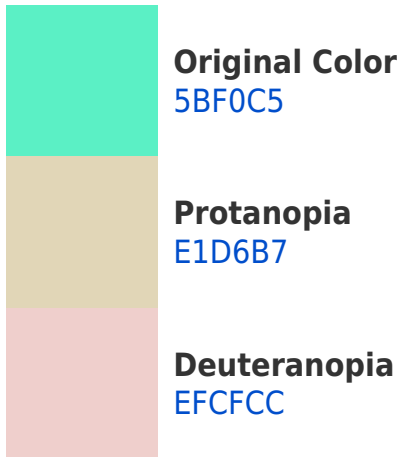


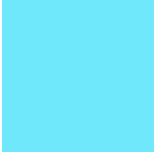
This preview shows how white text looks on a background with the Hex color 5BF0C5.

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](#).

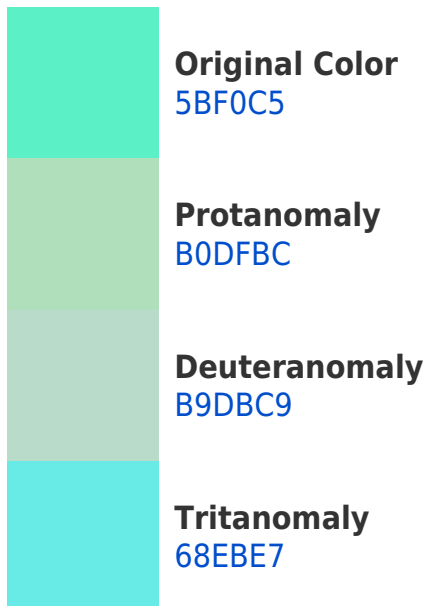
Dichromacy



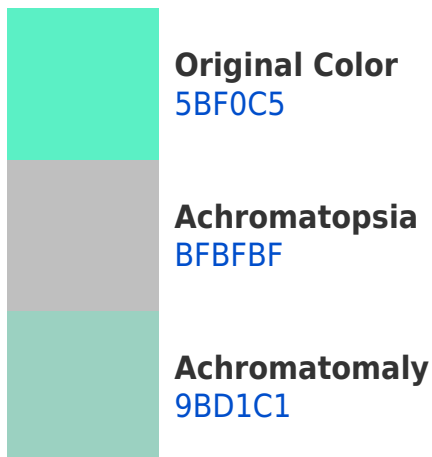


Tritanopia
70E8FB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5BF0C5 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 #5BF0C5 looks like.

```
.text, #text, p{  
    color:#5BF0C5  
}
```

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 #5BF0C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BF0C5
}
```

Border

The CSS property to change the border of an element to Hex 5BF0C5 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
#5BF0C5 }
```

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

```
.border{ border-color:#5BF0C5 }
```

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

Here you see how a box with a 4 pixel #5BF0C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BF0C5; -webkit-box-shadow:4px 4px  
4px 4px #5BF0C5; box-shadow:4px 4px 4px  
4px #5BF0C5 }
```

Background

The CSS property to change the background color of an element to Hex 5BF0C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BF0C5 }
```

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

```
.background{ background-color:#5BF0C5 }
```

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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