

Converting Colors

Hex(6CF5B1)

Have a look what the booklet for
Hex(6CF5B1) contains.

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Color

Hex(6CF5B1)

Conversions

Conversions Part 1

Format	Color
Hex	6CF5B1
RGB	108, 245, 177
RGB Percent	42%, 96%, 69%
CMY	0.5765, 0.0392, 0.3059
CMYK	0.56, 0.00, 0.28, 0.04
HSL	150°, 87%, 69%
HSV	150°, 56%, 96%
XYZ	46.7726, 71.6673, 52.9630
YIQ	196.2850, -59.8240, -50.1920

Conversions

Conversions Part 2

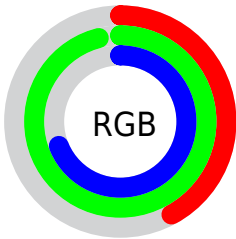
Format	Color
RYB	108, 199, 245
Decimal	7140785
CIELab	87.81, -52.70, 21.69
CIELCh	88, 56.989, 157.629
Yxy	71.6673, 0.2729, 0.4181
Android (android.graphics.Color)	4285330865 (0xFF6CF5B1)
YUV	196.2850, -9.5075, -77.4259
Hunter-Lab	84.6565, -49.5280, 22.1665

Details

The Hex color **6CF5B1** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **F56CB0**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **A8FFE9**, and **25BC7C** is the 20% darker color. If you saturate the color by 10%, you get **54F5A5**, and if you desaturate by 10%, it is **84F5BD**.

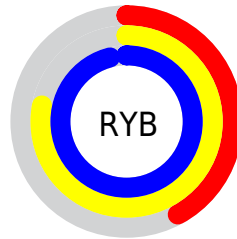
Distribution



Red (42%)

Green (96%)

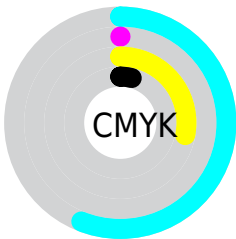
Blue (69%)



Red (42%)

Yellow (78%)

Blue (96%)

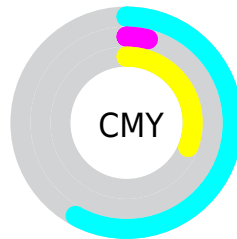


Cyan (56%)

Magenta (0%)

Yellow (28%)

Black (4%)



Cyan (58%)

Magenta (4%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6CF5B1 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 6CF5B1 by changing the saturation by 10% instead.

 6CF5B1

FFFFFF

 A8FFE9

 C6FFFF

 E5FFFF

 6CF5B1

 4CD896

 25BC7C

 00A063

 00854B

 006B34

 00521D

 003906

 002200

 000000

 6CF5B1

 6CF5B1

 54F5A5

 84F5BD

 3BF599

 9DF5C9

 22F58D

 B6F5D5

 0AF580

 CEF5E2

 00F57B

 E7F5EE

 FFF5FA

 FFF5FF

Harmonies

Analogous

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



B6EC83



6CF5B1



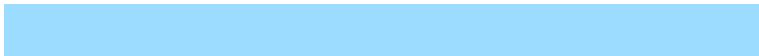
00F8E9

Triad

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



6CF5B1



9CDDFF



FFB89D

Complementary

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



6CF5B1



F56CB0

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.



FFAFD0



6CF5B1



F3C9FF

Square

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



6CF5B1



00EDFF



FFB6FF



FFCB78

Rectangle

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



6CF5B1



00F7FF



FFB6FF



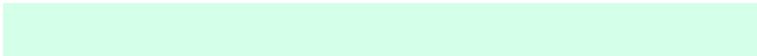
FFB4AD

Sweetspot

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



6CF5B1



D4FFE9



B1F56C



668073



000000



808080

Same Dimension

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



6CF5B1



54FFAA



6CF5F5



6E7A74



00BA5E



003B1E

Inverse Universe

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



F56CB0



FF54A9



F56C6C



7A6E74



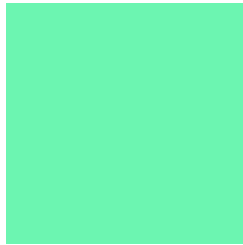
BA005C



3B001D

Previews

White Background



This preview shows how the Hex color 6CF5B1 looks on a white background.

Color Contrast Check

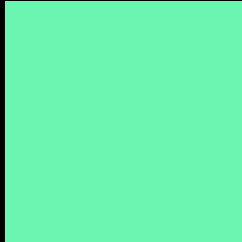
Large Text (above 18pt) WCAG AA × Fail

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 6CF5B1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

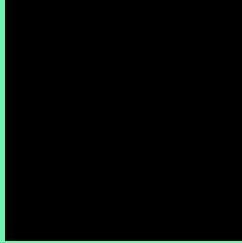
Any Text WCAG AA ✓ Pass

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 6CF5B1 Background



This preview shows how black text looks on a background with the Hex color 6CF5B1.

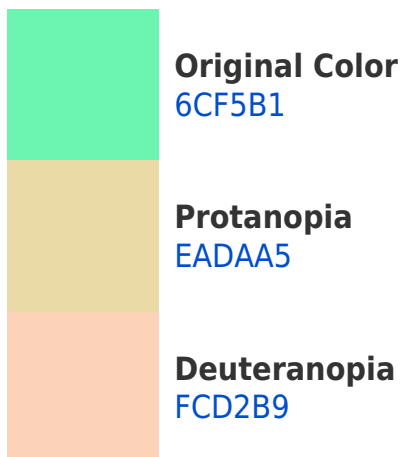


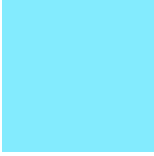
This preview shows how white text looks on a background with the Hex color 6CF5B1.

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
83EBFE

Trichromacy



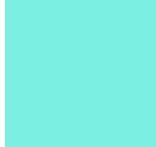
Original Color
6CF5B1



Protanomaly
BCE4A9



Deuteranomaly
C8DFB6



Tritanomaly
7BEFE2

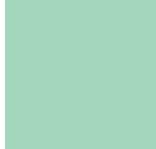
Monochromacy



Original Color
6CF5B1



Achromatopsia
C4C4C4



Achromatomaly
A4D6BD

CSS Examples

Text

The CSS property to change the color of the text to Hex 6CF5B1 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 #6CF5B1 looks like.

```
.text, #text, p{  
    color:#6CF5B1  
}
```

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 #6CF5B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CF5B1  
}
```

Border

The CSS property to change the border of an element to Hex 6CF5B1 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  
#6CF5B1 }
```

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

```
.border{ border-color:#6CF5B1 }
```

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

Here you see how a box with a 4 pixel #6CF5B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CF5B1; -webkit-box-shadow:4px 4px  
4px 4px #6CF5B1; box-shadow:4px 4px 4px  
4px #6CF5B1 }
```

Background

The CSS property to change the background color of an element to Hex 6CF5B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CF5B1 }
```

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

```
.background{ background-color:#6CF5B1 }
```

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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