

Converting Colors

Hex(6BF5F5)

Have a look what the booklet for
Hex(6BFAF5) contains.

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Color

Hex(6BFAF5)

Conversions

Conversions Part 1

Format	Color
Hex	6BFAF5
RGB	107, 250, 245
RGB Percent	42%, 98%, 96%
CMY	0.5804, 0.0196, 0.0392
CMYK	0.57, 0.00, 0.02, 0.02
HSL	178°, 93%, 70%
HSV	178°, 57%, 98%
XYZ	56.7304, 78.0896, 98.4690
YIQ	206.6730, -83.6230, -31.8710

Conversions

Conversions Part 2

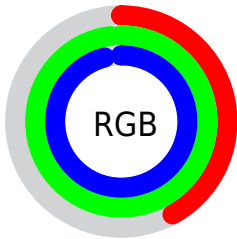
Format	Color
RYB	107, 180, 250
Decimal	7076597
CIELab	90.82, -39.45, -9.24
CIELCh	91, 40.520, 193.175
Yxy	78.0896, 0.2432, 0.3347
Android (android.graphics.Color)	4285266677 (0xFF6BFAF5)
YUV	206.6730, 18.8952, -87.4132
Hunter-Lab	88.3683, -40.0516, -4.2092

Details

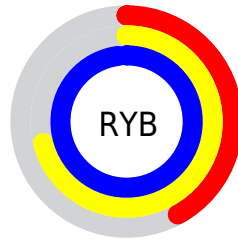
The Hex color **6BFAF5** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **FA6B70**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **AAFFFF**, and **15C1BD** is the 20% darker color. If you saturate the color by 10%, you get **52FAF4**, and if you desaturate by 10%, it is **84FAF6**.

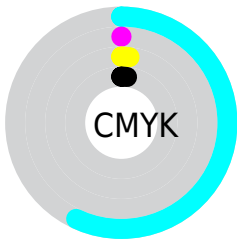
Distribution



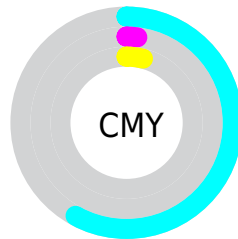
- Red (42%)
- Green (98%)
- Blue (96%)



- Red (42%)
- Yellow (71%)
- Blue (98%)



- Cyan (57%)
- Magenta (0%)
- Yellow (2%)
- Black (2%)



- Cyan (58%)
- Magenta (2%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BFAF5 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 6BFAF5 by changing the saturation by 10% instead.

 6BFAF5

FFFFFF

 AAFFFF

 C9FFFF

 E8FFFF

 6BFAF5


 48DDD9

 15C1BD

 00A5A2

 008B88

 00706E

 005756

 003F3F

 002929

 000715

 6BFAF5

 6BFAF5

 52FAF4

 84FAF6

 39FAF3

 9DFAF7

 20FAF2

 B6FAF8

 07FAF2

 CFFAF8

 00FAF1

 E8FAF9

 FFFAFA

 FFFAFB

 FFFAFC

 FFFAFD

Harmonies

Analogous

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



95F8CD



6BFAF5



63F7FF

Triad

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



6BFAF5



FFD5FF



FFDB9B

Complementary

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



6BFAF5



FA6B70

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.



FFCEB1



6BFAF5



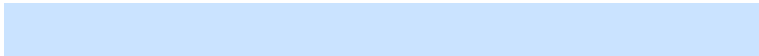
FFCAFC

Square

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



6BFAF5



CAE3FF



FFC8D5



EEE898

Rectangle

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



6BFAF5



7DF2FF



FFC8D5



FFD6A0

Sweetspot

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



6BFAF5



D4FFFD



72FA6B



66807F



000000



808080

Same Dimension

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



6BFAF5



4FFFF9



6BBAFA



707D7D



00BDB6



003D3B

Inverse Universe

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



FA6B70



FF4F55



FAAB6B



7D7071



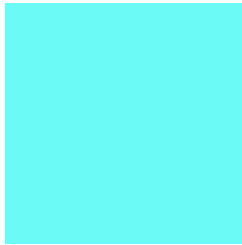
BD0007



3D0002

Previews

White Background



This preview shows how the Hex color 6BFAF5 looks on a white background.

Color Contrast Check

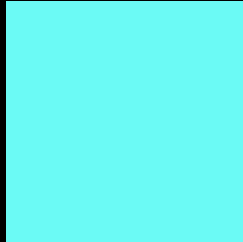
Large Text (above 18pt) WCAG AA × Fail

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 6BFAF5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

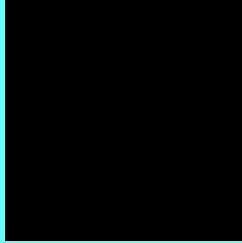
Any Text WCAG AA ✓ Pass

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 6BFAF5 Background



This preview shows how black text looks on a background with the Hex color 6BFAF5.

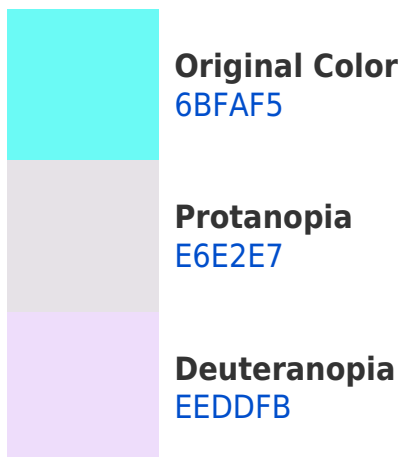


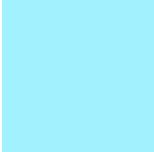
This preview shows how white text looks on a background with the Hex color 6BFAF5.

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
A1F1FF

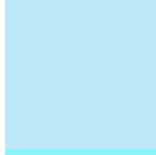
Trichromacy



Original Color
6BFAF5



Protanomaly
B9EBEC



Deuteranomaly
BEE8F9

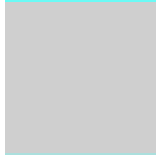


Tritanomaly
8DF4FB

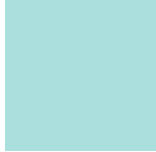
Monochromacy



Original Color
6BFAF5



Achromatopsia
CFCFCF



Achromatomaly
ABDFDD

CSS Examples

Text

The CSS property to change the color of the text to Hex 6BFAF5 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 #6BFAF5 looks like.

```
.text, #text, p{  
    color:#6BFAF5  
}
```

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 #6BFAF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BFAF5
}
```

Border

The CSS property to change the border of an element to Hex 6BFAF5 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
#6BFAF5 }
```

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

```
.border{ border-color:#6BFAF5 }
```

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

Here you see how a box with a 4 pixel #6BFAF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BFAF5; -webkit-box-shadow:4px 4px  
4px 4px #6BFAF5; box-shadow:4px 4px 4px  
4px #6BFAF5 }
```

Background

The CSS property to change the background color of an element to Hex 6BFAF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BFAF5 }
```

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

```
.background{ background-color:#6BFAF5 }
```

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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