

Converting Colors

Hex(6BFAFA)

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

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Color

Hex(6BFAFA)

Conversions

Conversions Part 1

Format	Color
Hex	6BFAFA
RGB	107, 250, 250
RGB Percent	42%, 98%, 98%
CMY	0.5804, 0.0196, 0.0196
CMYK	0.57, 0.00, 0.00, 0.02
HSL	180°, 93%, 70%
HSV	180°, 57%, 98%
XYZ	57.5043, 78.3991, 102.5442
YIQ	207.2430, -85.2280, -30.3160

Conversions

Conversions Part 2

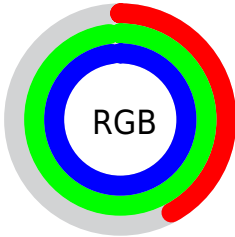
Format	Color
RYB	107, 179, 250
Decimal	7076602
CIELab	90.96, -38.16, -11.62
CIELCh	91, 39.887, 196.944
Yxy	78.3991, 0.2412, 0.3288
Android (android.graphics.Color)	4285266682 (0xFF6BFAFA)
YUV	207.2430, 21.0792, -87.9131
Hunter-Lab	88.5433, -39.0242, -6.6850

Details

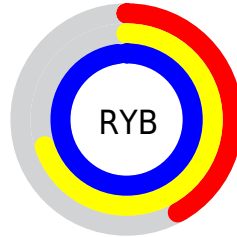
The Hex color **6BFAFA** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **FA6B6B**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **AAFFFF**, and **13C1C2** is the 20% darker color. If you saturate the color by 10%, you get **52FAFA**, and if you desaturate by 10%, it is **84FAFA**.

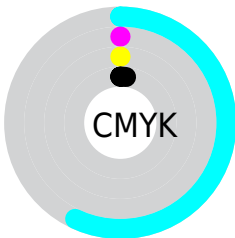
Distribution



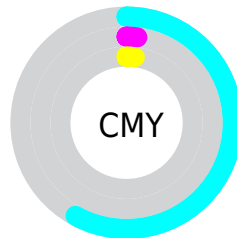
- Red (42%)
- Green (98%)
- Blue (98%)



- Red (42%)
- Yellow (70%)
- Blue (98%)



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



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

Brightness & Saturation Gradients

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

 6BFAFA

 6BFAFA

FFFFFF

 48DDDD

 AAFFFF

 13C1C2

 C9FFFF

 00A5A6

 E8FFFF

 008B8C

 007173

 00575A

 003F43

 00292D

 000819

 6BFAFA

 6BFAFA

 52FAFA

 84FAFA

 39FAFA

 9DFAFA

 20FAFA

 B6FAFA

 07FAFA

 CFFAFA

 00FAFA

 E8FAFA

 FFFAFA

Harmonies

Analogous

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



91F9D3



6BFAFA



6AF6FF

Triad

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



6BFAFA



FFD4FF



FFDD9B

Complementary

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



6BFAFA



FA6B6B

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.



FFD0AF



6BFAFA



FFCAF7

Square

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



6BFAFA



D3E1FF



FFC9D1



EAEA9B

Rectangle

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



6BFAFA



86F1FF



FFC9D1



FFD9A0

Sweetspot

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



6BFAFA



D4FFFF



6BFA6B



668080



000000



808080

Same Dimension

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



6BFAFA



4FFFFFF



6BB3FA



707D7D



00BDBD



003D3D

Inverse Universe

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



FA6BFA



FF4FFF



FAB36B



7D707D



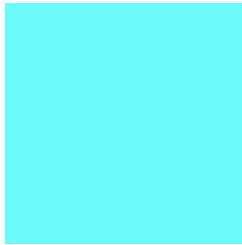
BD00BD



3D003D

Previews

White Background



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

Color Contrast Check

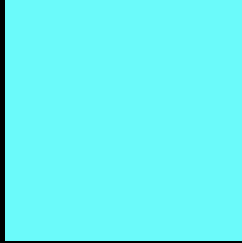
Large Text (above 18pt) WCAG AA × Fail

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 6BFAFA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

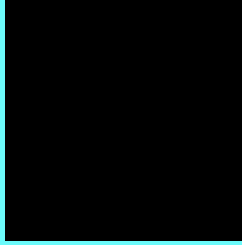
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

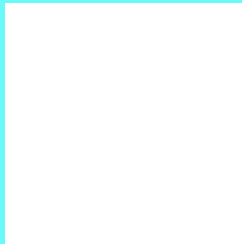
Any Text WCAG AAA ✓ Pass

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

Hex 6BFAFA Background



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

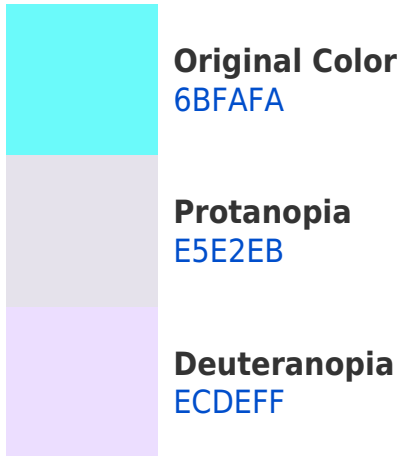


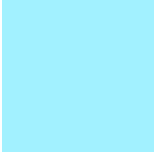
This preview shows how white text looks on a background with the Hex color 6BFAFA.

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
A2F1FF

Trichromacy



Original Color
6BFAFA



Protanomaly
B9EBF0



Deuteranomaly
BDE8FD

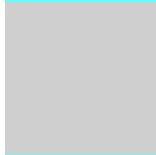


Tritanomaly
8EF4FD

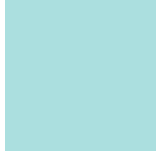
Monochromacy



Original Color
6BFAFA



Achromatopsia
CFCFCF



Achromatomaly
ABDFDF

CSS Examples

Text

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

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

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 #6BFAFA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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