

Converting Colors

Hex(6AF6FC)

Have a look what the booklet for
Hex(6AF6FC) contains.

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Color

Hex(6AF6FC)

Conversions

Conversions Part 1

Format	Color
Hex	6AF6FC
RGB	106, 246, 252
RGB Percent	42%, 96%, 99%
CMY	0.5843, 0.0353, 0.0118
CMYK	0.58, 0.02, 0.00, 0.01
HSL	182°, 96%, 70%
HSV	182°, 58%, 99%
XYZ	56.4703, 76.0040, 103.7894
YIQ	204.8240, -85.3660, -27.8140

Conversions

Conversions Part 2

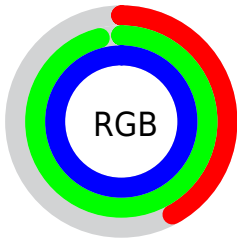
Format	Color
RYB	106, 177, 252
Decimal	7010044
CIELab	89.86, -35.96, -14.31
CIELCh	90, 38.705, 201.702
Yxy	76.0040, 0.2390, 0.3217
Android (android.graphics.Color)	4285200124 (0xFF6AF6FC)
YUV	204.8240, 23.2578, -86.6686
Hunter-Lab	87.1803, -36.9435, -9.5594

Details

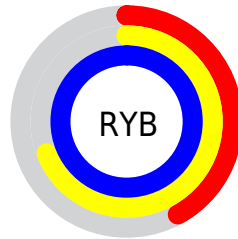
The Hex color **6AF6FC** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **FC706A**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **A9FFFF**, and **11BDC3** is the 20% darker color. If you saturate the color by 10%, you get **51F5FC**, and if you desaturate by 10%, it is **83F7FC**.

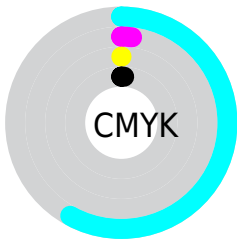
Distribution



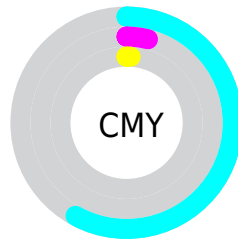
- Red (42%)
- Green (96%)
- Blue (99%)



- Red (42%)
- Yellow (69%)
- Blue (99%)



- Cyan (58%)
- Magenta (2%)
- Yellow (0%)
- Black (1%)



- Cyan (58%)
- Magenta (4%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AF6FC 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 6AF6FC by changing the saturation by 10% instead.

 6AF6FC

 6AF6FC

FFFFFF

 47D9DF

 A9FFFF

 11BDC3

 C8FFFF

 00A2A8

 E7FFFF

 00878E

 006D74

 00545C

 003C44

 00272E

 00011A

 6AF6FC

 6AF6FC

 51F5FC

 83F7FC

 38F4FC

 9CF8FC

 1EF3FC

 B6F9FC

 05F2FC

 CFFAFC

 00F2FC

 E8FBFC

 FFFCFC

 FFFDFC

 FFFEFC

 FFFFFC

Harmonies

Analogous

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



8AF6D6



6AF6FC



72F2FF

Triad

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



6AF6FC



FFCFFF



FFDC99

Complementary

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



6AF6FC



FC706A

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.



FFD0A9



6AF6FC



FFC7EE

Square

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



6AF6FC



D9DCFF



FFC7C8



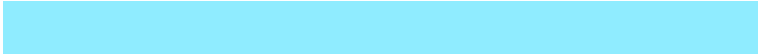
E0E89C

Rectangle

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



6AF6FC



8FECFF



FFC7C8



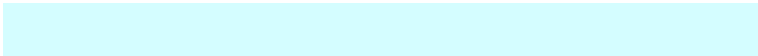
FFD89C

Sweetspot

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



6AF6FC



D4FDFD



6AFC6F



667E80



000000



808080

Same Dimension

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



6AF6FC



4DF8FF



6AAEFC



707C7D



00B5BD



003B3D

Inverse Universe

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



FC6AF6



FF4DF8



FCB86A



7D707C



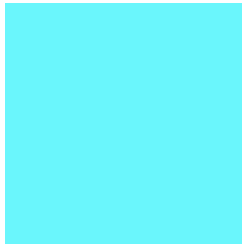
BD00B5



3D003B

Previews

White Background



This preview shows how the Hex color 6AF6FC looks on a white background.

Color Contrast Check

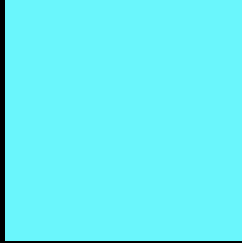
Large Text (above 18pt) WCAG AA × Fail

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 6AF6FC 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 6AF6FC Background



This preview shows how black text looks on a background with the Hex color 6AF6FC.



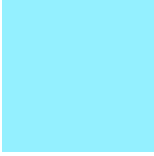
This preview shows how white text looks on a background with the Hex color 6AF6FC.

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



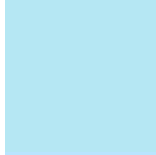


Tritanopia
94F0FF

Trichromacy



Original Color
6AF6FC



Protanomaly
B5E7F3

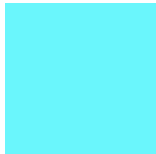


Deuteranomaly
B9E5FE

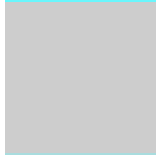


Tritanomaly
85F2FE

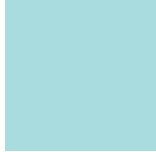
Monochromacy



Original Color
6AF6FC



Achromatopsia
CDCDCD



Achromatomaly
A9DCDE

CSS Examples

Text

The CSS property to change the color of the text to Hex 6AF6FC 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 #6AF6FC looks like.

```
.text, #text, p{  
    color:#6AF6FC  
}
```

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 #6AF6FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AF6FC
}
```

Border

The CSS property to change the border of an element to Hex 6AF6FC 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
#6AF6FC }
```

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

```
.border{ border-color:#6AF6FC }
```

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

Here you see how a box with a 4 pixel #6AF6FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AF6FC; -webkit-box-shadow:4px 4px  
4px 4px #6AF6FC; box-shadow:4px 4px 4px  
4px #6AF6FC }
```

Background

The CSS property to change the background color of an element to Hex 6AF6FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AF6FC }
```

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

```
.background{ background-color:#6AF6FC }
```

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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