

Converting Colors

Hex(6AF6F0)

Have a look what the booklet for
Hex(6AF6F0) contains.

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Color

Hex(6AF6F0)

Conversions

Conversions Part 1

Format	Color
Hex	6AF6F0
RGB	106, 246, 240
RGB Percent	42%, 96%, 94%
CMY	0.5843, 0.0353, 0.0588
CMYK	0.57, 0.00, 0.02, 0.04
HSL	177°, 89%, 69%
HSV	177°, 57%, 96%
XYZ	54.6278, 75.2670, 94.0869
YIQ	203.4560, -81.5140, -31.5460

Conversions

Conversions Part 2

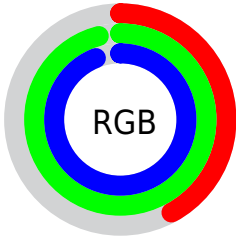
Format	Color
RYB	106, 178, 246
Decimal	7010032
CIELab	89.52, -39.10, -8.57
CIElCh	90, 40.032, 192.360
Yxy	75.2670, 0.2439, 0.3360
Android (android.graphics.Color)	4285200112 (0xFF6AF6F0)
YUV	203.4560, 18.0162, -85.4689
Hunter-Lab	86.7565, -39.4282, -3.5700

Details

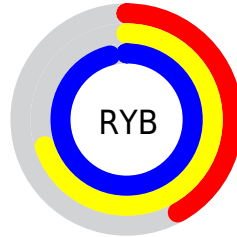
The Hex color **6AF6F0** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **F66A70**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **A9FFFF**, and **16BDB8** is the 20% darker color. If you saturate the color by 10%, you get **51F6EF**, and if you desaturate by 10%, it is **83F6F1**.

Distribution



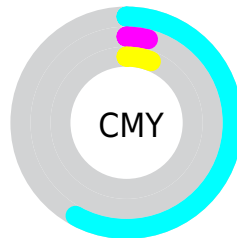
- Red (42%)
- Green (96%)
- Blue (94%)



- Red (42%)
- Yellow (70%)
- Blue (96%)



- Cyan (57%)
- Magenta (0%)
- Yellow (2%)
- Black (4%)



- Cyan (58%)
- Magenta (4%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AF6F0 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 6AF6F0 by changing the saturation by 10% instead.

 6AF6F0

 6AF6F0

FFFFFF

 47D9D4


 A9FFFF

 16BDB8

 C7FFFF

 00A29D

 E6FFFF

 008783

 006D6A

 005452

 003C3B

 002725

 000111

 6AF6F0

 6AF6F0

 51F6EF

 83F6F1

 39F6EE

 9BF6F2

 20F6ED

 B4F6F3

 08F6EC

 CCF6F4

 00F6EB

 E5F6F5

 FEF6F6

 FFF6F7

 FFF6F8

 FFF6F9

Harmonies

Analogous

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



93F4C9



6AF6F0



61F3FF

Triad

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



6AF6F0



FAD2FF



FFD799

Complementary

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



6AF6F0



F66A70

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.



FFCBAF



6AF6F0



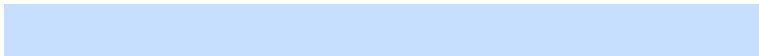
FFC7F9

Square

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



6AF6F0



C6DFFF



FFC4D2



ECE496

Rectangle

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



6AF6F0



79EEFF



FFC4D2



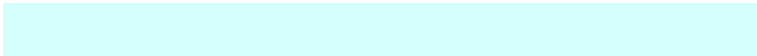
FFD39E

Sweetspot

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



6AF6F0



D4FFFD



71F66A



66807E



000000



808080

Same Dimension

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



6AF6F0



52FFF8



6AB7F6



6E7A7A



00BAB2



003B38

Inverse Universe

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



F66A70



FF5259



F6A96A



7A6E6F



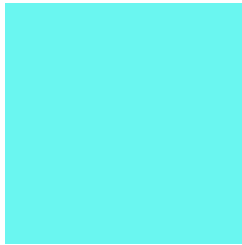
BA0008



3B0003

Previews

White Background



This preview shows how the Hex color 6AF6F0 looks on a white background.

Color Contrast Check

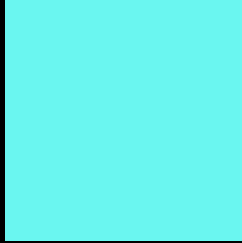
Large Text (above 18pt) WCAG AA × Fail

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 6AF6F0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

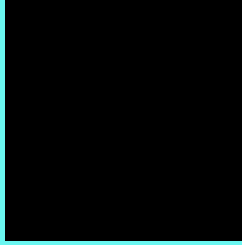
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

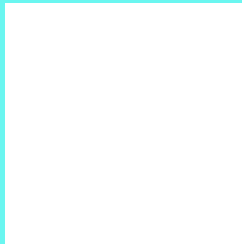
Any Text WCAG AAA ✓ Pass

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

Hex 6AF6F0 Background



This preview shows how black text looks on a background with the Hex color 6AF6F0.

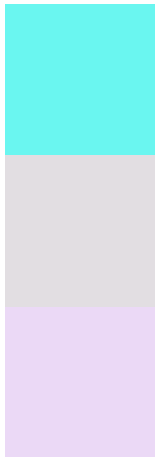


This preview shows how white text looks on a background with the Hex color 6AF6F0.

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](#).

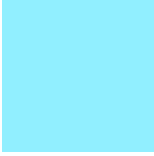
Dichromacy



Original Color
6AF6F0

Protanopia
E2DEE2

Deuteranopia
EBD9F6



Tritanopia
91EFFF

Trichromacy



Original Color
6AF6F0



Protanomaly
B6E7E7



Deuteranomaly
BCE4F4

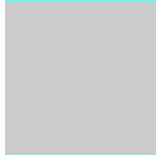


Tritanomaly
83F2FA

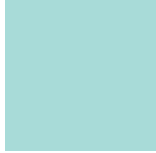
Monochromacy



Original Color
6AF6F0



Achromatopsia
CBCBCB



Achromatomaly
A8DBD8

CSS Examples

Text

The CSS property to change the color of the text to Hex 6AF6F0 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 #6AF6F0 looks like.

```
.text, #text, p{  
    color:#6AF6F0  
}
```

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 #6AF6F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AF6F0
}
```

Border

The CSS property to change the border of an element to Hex 6AF6F0 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
#6AF6F0 }
```

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

```
.border{ border-color:#6AF6F0 }
```

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

Here you see how a box with a 4 pixel #6AF6F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AF6F0; -webkit-box-shadow:4px 4px  
4px 4px #6AF6F0; box-shadow:4px 4px 4px  
4px #6AF6F0 }
```

Background

The CSS property to change the background color of an element to Hex 6AF6F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AF6F0 }
```

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

```
.background{ background-color:#6AF6F0 }
```

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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