

Converting Colors

Hex(6FDAF0)

Have a look what the booklet for
Hex(6FDAF0) contains.

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Color

Hex(6FDAF0)

Conversions

Conversions Part 1

Format	Color
Hex	6FDAF0
RGB	111, 218, 240
RGB Percent	44%, 85%, 94%
CMY	0.5647, 0.1451, 0.0588
CMYK	0.54, 0.09, 0.00, 0.06
HSL	190°, 81%, 69%
HSV	190°, 54%, 94%
XYZ	47.3551, 59.8136, 91.4874
YIQ	188.5150, -70.8340, -15.8420

Conversions

Conversions Part 2

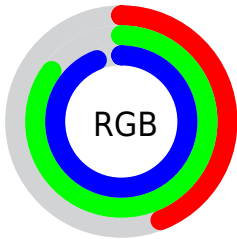
Format	Color
RYB	111, 169, 240
Decimal	7330544
CIELab	81.74, -24.90, -20.21
CIELCh	82, 32.070, 219.072
Yxy	59.8136, 0.2384, 0.3011
Android (android.graphics.Color)	4285520624 (0xFF6FDAF0)
YUV	188.5150, 25.3821, -67.9807
Hunter-Lab	77.3392, -26.0474, -15.9988

Details

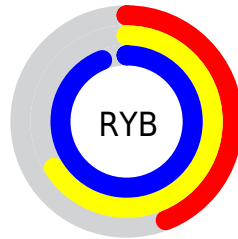
The Hex color **6FDAF0** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **F0856F**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **ABFFFF**, and **2BA3B8** is the 20% darker color. If you saturate the color by 10%, you get **57D6F0**, and if you desaturate by 10%, it is **87DEF0**.

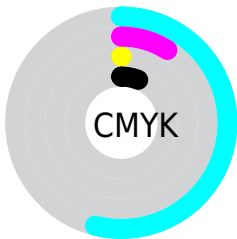
Distribution



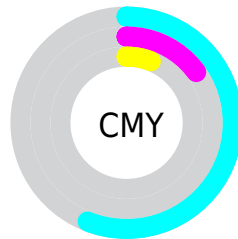
- Red (44%)
- Green (85%)
- Blue (94%)



- Red (44%)
- Yellow (66%)
- Blue (94%)



- Cyan (54%)
- Magenta (9%)
- Yellow (0%)
- Black (6%)



- Cyan (56%)
- Magenta (15%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6FDAF0 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 6FDAF0 by changing the saturation by 10% instead.

 6FDAF0

 6FDAF0

FFFFFF

 4FBED4


 ABFFFF

 2BA3B8

 C9FFFF

 00889D

 E7FFFF

 006F83

 00566A

 003E51

 00283A

 000E25

 00010E

 6FDAF0

 6FDAF0

 57D6F0

 87DEF0

 3FD2F0

 9FE2F0

 27CEF0

 B7E6F0

 0FCAF0

 CF EAF0

 00C7F0

 E7EEF0

 FFF3F0

 FFF7F0

 FFFBF0

 FFFFF0

Harmonies

Analogous

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



77DCD4



6FDAF0



88D4FF

Triad

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



6FDAF0



F9B8E1



D8CC90

Complementary

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



6FDAF0



F0856F

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.



F3C294



6FDAF0



FFB5C3

Square

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



6FDAF0



DBC0FA



FFB9A7



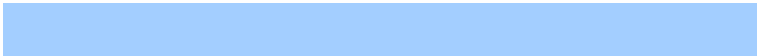
B6D59C

Rectangle

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



6FDAF0



A3CEFF



FFB9A7



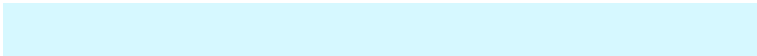
E2C98F

Sweetspot

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



6FDAF0



D6F8FF



6FF084



677B80



000000



808080

Same Dimension

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



6FDAF0



59E3FF



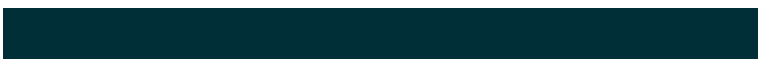
6F9AF0



6C7678



0098B8



002F38

Inverse Universe

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



F06FDA



FF59E3



F0C56F



786C76



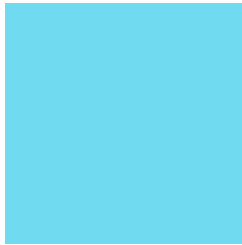
B80098



38002F

Previews

White Background



This preview shows how the Hex color 6FDAF0 looks on a white background.

Color Contrast Check

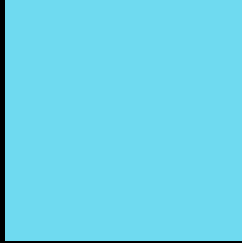
Large Text (above 18pt) WCAG AA × Fail

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 6FDAF0 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 6FDAF0 Background



This preview shows how black text looks on a background with the Hex color 6FDAF0.

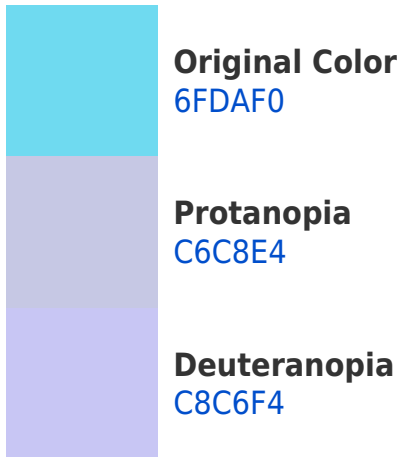


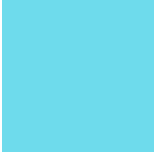
This preview shows how white text looks on a background with the Hex color 6FDAF0.

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](#).

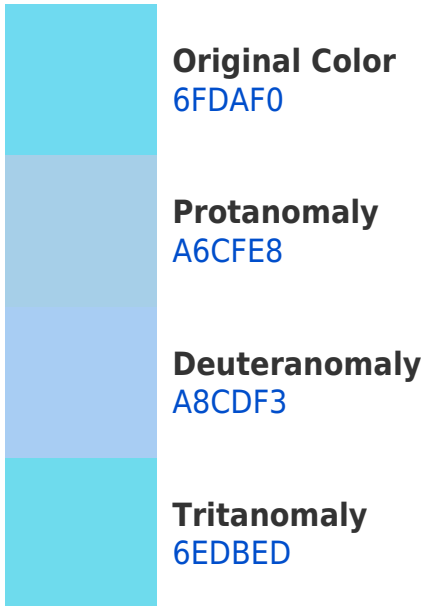
Dichromacy



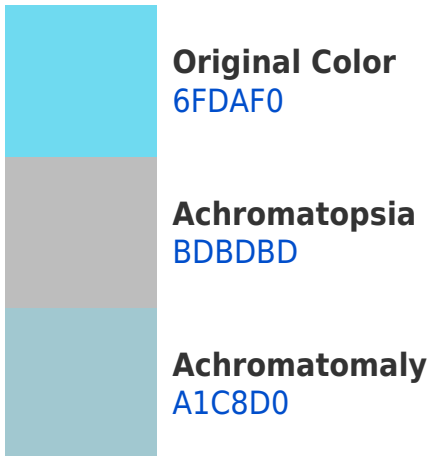


Tritanopia
6EDBEC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6FDAF0 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 #6FDAF0 looks like.

```
.text, #text, p{  
    color:#6FDAF0  
}
```

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 #6FDAF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FDAF0
}
```

Border

The CSS property to change the border of an element to Hex 6FDAF0 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
#6FDAF0 }
```

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

```
.border{ border-color:#6FDAF0 }
```

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

Here you see how a box with a 4 pixel #6FDAF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FDAF0; -webkit-box-shadow:4px 4px  
4px 4px #6FDAF0; box-shadow:4px 4px 4px  
4px #6FDAF0 }
```

Background

The CSS property to change the background color of an element to Hex 6FDAF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FDAF0 }
```

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

```
.background{ background-color:#6FDAF0 }
```

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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