

# Converting Colors

Hex(6FD5EF)

Have a look what the booklet for  
Hex(6FD5EF) contains.

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# **Color**

**Hex(6FD5EF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6FD5EF
RGB	111, 213, 239
RGB Percent	44%, 84%, 94%
CMY	0.5647, 0.1647, 0.0627
CMYK	0.54, 0.11, 0.00, 0.06
HSL	192°, 80%, 69%
HSV	192°, 54%, 94%
XYZ	45.9298, 57.2000, 90.2813
YIQ	185.4660, -69.1380, -13.5380

# Conversions

## Conversions Part 2

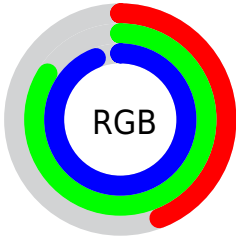
<b>Format</b>	<b>Color</b>
<b>RYB</b>	111, 168, 239
Decimal	7329263
CIELab	80.29, -22.69, -21.87
CIELCh	80, 31.514, 223.951
Yxy	57.2000, 0.2375, 0.2957
Android (android.graphics.Color)	4285519343 (0xFF6FD5EF)
YUV	185.4660, 26.3923, -65.3067
Hunter-Lab	75.6307, -23.9524, -17.8337

# Details

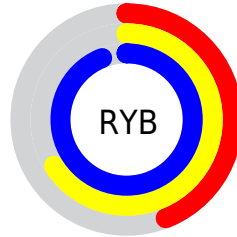
The Hex color **6FD5EF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **EF896F**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **ABFFFF**, and **2C9EB7** is the 20% darker color. If you saturate the color by 10%, you get **57D0EF**, and if you desaturate by 10%, it is **87DAEF**.

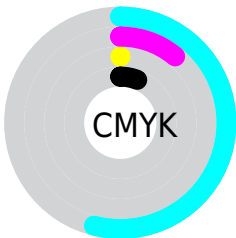
# Distribution



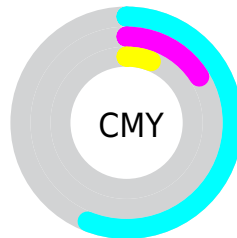
- Red (44%)
- Green (84%)
- Blue (94%)



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



- Cyan (54%)
- Magenta (11%)
- Yellow (0%)
- Black (6%)



- Cyan (56%)
- Magenta (16%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6FD5EF 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 6FD5EF by changing the saturation by 10% instead.



 6FD5EF

 6FD5EF

FFFFFF

 50B9D3

 ABFFFF

 2C9EB7

 C9FFFF

 00849C

 E7FFFF

 006A82

 005269

 003B51

 002539

 000424

 00000C

■ 6FD5EF

■ 6FD5EF

■ 57D0EF

■ 87DAEF

■ 3FCBEF

■ 9FDFEF

■ 27C6EF

■ B7E4EF

■ 0FC2EF

■ CFE8EF

■ 00BEEF

■ E6EDEF

■ FEF2EF

■ FFF7EF

■ FFFCEF

■ FFFFEF

# Harmonies

## Analogous

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



71D8D4



6FD5EF



8CCFFF

# Triad

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



6FD5EF



F8B3D8



CECA8E

# Complementary

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



6FD5EF



EF896F

# 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.



EAC08F



6FD5EF



FFB2BA

# Square

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



6FD5EF



DDBBF2



FDB7A0



ADD29C

# Rectangle

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



6FD5EF



A7C9FF



FDB7A0



D8C78C

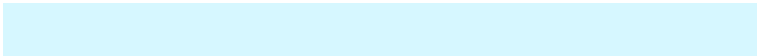


# Sweetspot

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



6FD5EF



D6F7FF



6FEF89



677B80



000000



808080



# Same Dimension

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



6FD5EF



5CDEFF



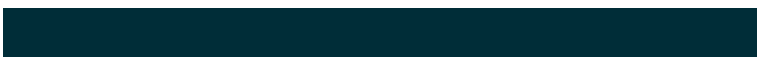
6F95EF



6C7578



0092B8



002D38



# Inverse Universe

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



EF6FD5



FF5CDE



EFC96F



786C75



B80092

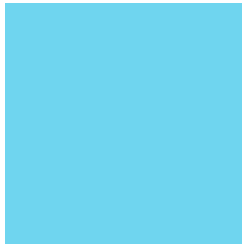


38002D



# Previews

## White Background



This preview shows how the Hex color 6FD5EF looks on a white background.

## Color Contrast Check

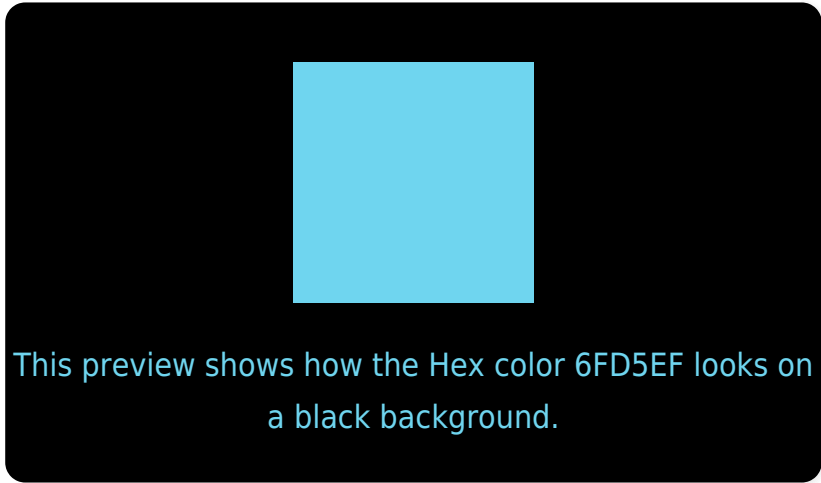
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 6FD5EF Background



This preview shows how black text looks on a background with the Hex color 6FD5EF.

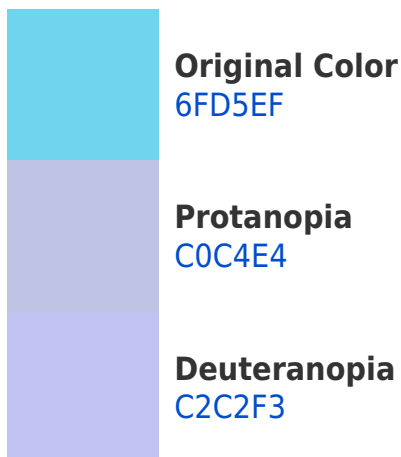


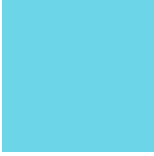
This preview shows how white text looks on a background with the Hex color 6FD5EF.

# 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](#).

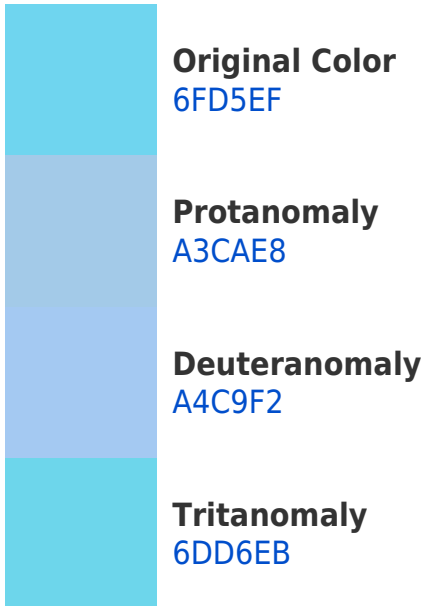
## Dichromacy





**Tritanopia**  
6CD6E8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6FD5EF 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 #6FD5EF looks like.

```
.text, #text, p{  
    color:#6FD5EF  
}
```

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 #6FD5EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FD5EF
}
```

## Border

The CSS property to change the border of an element to Hex 6FD5EF 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
#6FD5EF }
```

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

```
.border{ border-color:#6FD5EF }
```

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

Here you see how a box with a 4 pixel #6FD5EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FD5EF; -webkit-box-shadow:4px 4px  
4px 4px #6FD5EF; box-shadow:4px 4px 4px  
4px #6FD5EF }
```

# Background

The CSS property to change the background color of an element to Hex 6FD5EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FD5EF }
```

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

```
.background{ background-color:#6FD5EF }
```

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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