

# Converting Colors

Hex(6FC7F3)

Have a look what the booklet for  
Hex(6FC7F3) contains.

<b>Hex(6FC7F3)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(6FC7F3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6FC7F3
RGB	111, 199, 243
RGB Percent	44%, 78%, 95%
CMY	0.5647, 0.2196, 0.0471
CMYK	0.54, 0.18, 0.00, 0.05
HSL	200°, 85%, 69%
HSV	200°, 54%, 95%
XYZ	43.1566, 50.6974, 92.3050
YIQ	177.7040, -66.5720, -4.9720

# Conversions

## Conversions Part 2

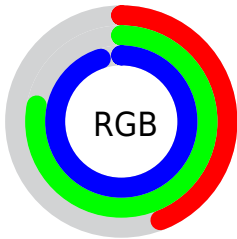
Format	Color
<a href="#">RYB</a>	<a href="#">111, 164, 243</a>
Decimal	<a href="#">7325683</a>
CIELab	<a href="#">76.50, -14.38, -29.81</a>
CIElCh	<a href="#">76, 33.100, 244.242</a>
Yxy	<a href="#">50.6974, 0.2318, 0.2723</a>
Android (android.graphics.Color)	<a href="#">4285515763</a> ( <a href="#">0xFF6FC7F3</a> )
YUV	<a href="#">177.7040, 32.1909, -58.4994</a>
Hunter-Lab	<a href="#">71.2021, -16.4123, -27.0209</a>

# Details

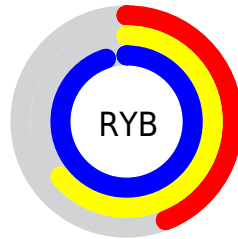
The Hex color **6FC7F3** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F39B6F**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **AAFFFF**, and **2D91BB** is the 20% darker color. If you saturate the color by 10%, you get **57BFF3**, and if you desaturate by 10%, it is **87CFF3**.

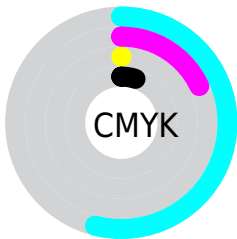
# Distribution



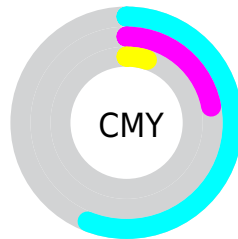
- Red (44%)
- Green (78%)
- Blue (95%)



- Red (44%)
- Yellow (64%)
- Blue (95%)



- Cyan (54%)
- Magenta (18%)
- Yellow (0%)
- Black (5%)



- Cyan (56%)
- Magenta (22%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6FC7F3 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 6FC7F3 by changing the saturation by 10% instead.



 6FC7F3

FFFFFF

 AAFFFF

 C8FFFF

 E6FFFF

 6FC7F3

 50ACD7

 2D91BB

 0077A0


 005F85

 00476C

 003153

 001D3C

 000326

 00010F

 6FC7F3

 6FC7F3

 57BFF3

 87CFF3

 3EB7F3

 A0D7F3

 26AFF3

 B8DFF3

 0EA7F3

 D0E7F3

 00A2F3

 E8EFF3

 FFF8F3

 FFFFF3

# Harmonies

## Analogous

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



59CCDE



6FC7F3



9BBEF9

# Triad

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



6FC7F3



F8A6B9



ADC589

# Complementary

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



6FC7F3



F39B6F

# 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.



CEBC7F



6FC7F3



F8A99C

# Square

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



6FC7F3



E7AAD8



E8B286



89CBA1

# Rectangle

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



6FC7F3



B9B7F4



E8B286



B8C284

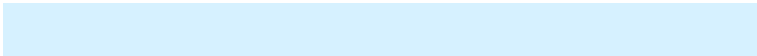


# Sweetspot

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



6FC7F3



D6F1FF



6FF39B



677780



000000



808080



# Same Dimension

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



6FC7F3



59C8FF



6F87F3



6E767A



007CBA



00273B



# Inverse Universe

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



F36FC7



FF59C8



F3DD6F



7A6E76



BA007C

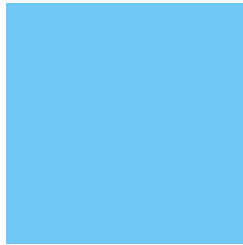


3B0027



# Previews

## White Background



This preview shows how the Hex color 6FC7F3 looks on a white background.

## Color Contrast Check

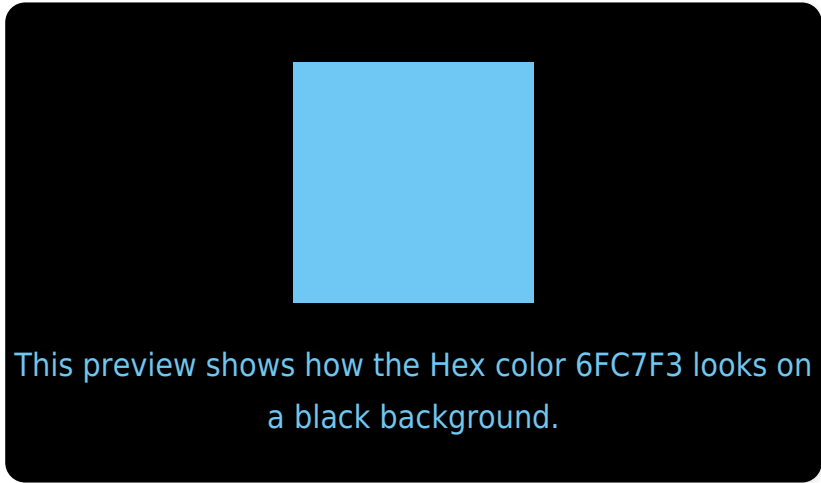
Large Text (above 18pt) WCAG AA × Fail

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

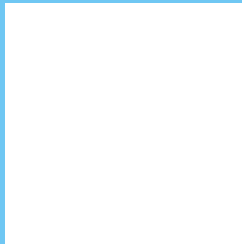
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6FC7F3 Background



This preview shows how black text looks on a background with the Hex color 6FC7F3.

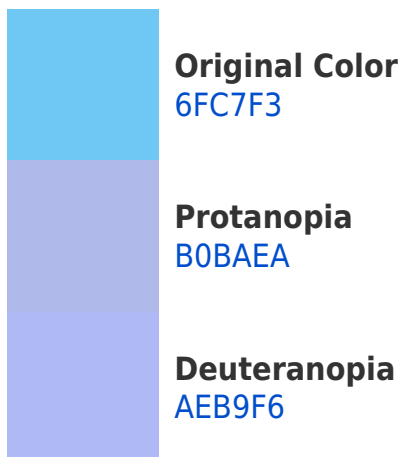


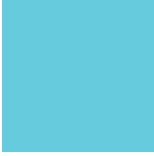
This preview shows how white text looks on a background with the Hex color 6FC7F3.

# 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](#).

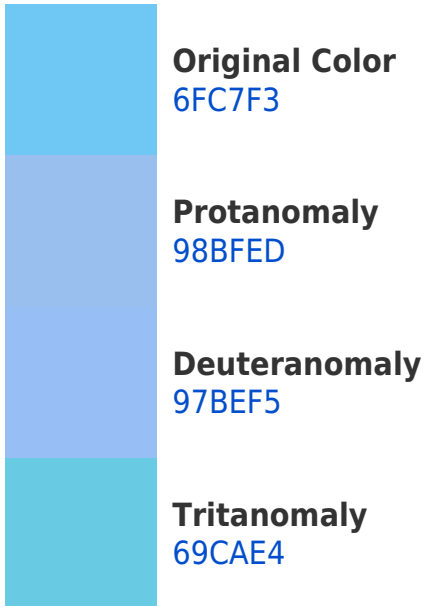
## Dichromacy



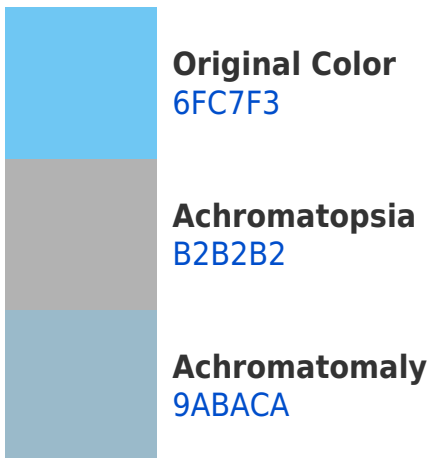


**Tritanopia**  
66CBDC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6FC7F3 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 #6FC7F3 looks like.

```
.text, #text, p{  
    color:#6FC7F3  
}
```

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 #6FC7F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FC7F3  
}
```

## Border

The CSS property to change the border of an element to Hex 6FC7F3 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  
#6FC7F3 }
```

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

```
.border{ border-color:#6FC7F3 }
```

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

Here you see how a box with a 4 pixel #6FC7F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FC7F3; -webkit-box-shadow:4px 4px  
4px 4px #6FC7F3; box-shadow:4px 4px 4px  
4px #6FC7F3 }
```

# Background

The CSS property to change the background color of an element to Hex 6FC7F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FC7F3 }
```

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

```
.background{ background-color:#6FC7F3 }
```

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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