

# Converting Colors

Hex(6FCFC3)

Have a look what the booklet for  
Hex(6FCFC3) contains.

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# **Color**

**Hex(6FCFC3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6FCFC3
RGB	111, 207, 195
RGB Percent	44%, 81%, 76%
CMY	0.5647, 0.1882, 0.2353
CMYK	0.46, 0.00, 0.06, 0.19
HSL	172°, 50%, 62%
HSV	172°, 46%, 81%
XYZ	38.7187, 51.9453, 59.6155
YIQ	176.9280, -53.3640, -24.0840

# Conversions

## Conversions Part 2

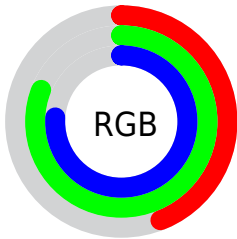
<b>Format</b>	<b>Color</b>
<b>RYB</b>	111, 162, 207
Decimal	7327683
CIELab	77.25, -31.28, -2.84
CIElCh	77, 31.411, 185.196
Yxy	51.9453, 0.2576, 0.3457
Android (android.graphics.Color)	4285517763 (0xFF6FCFC3)
YUV	176.9280, 8.9095, -57.8189
Hunter-Lab	72.0731, -30.2351, 1.4092

# Details

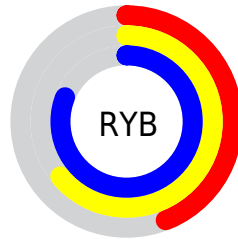
The Hex color **6FCFC3** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **CF6F7B**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **A8FFFB**, and **34988D** is the 20% darker color. If you saturate the color by 10%, you get **5ACFC0**, and if you desaturate by 10%, it is **84CFC6**.

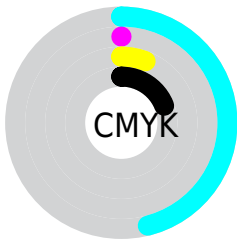
# Distribution



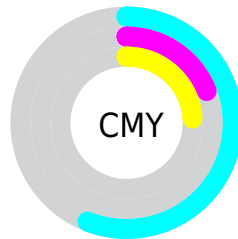
- Red (44%)
- Green (81%)
- Blue (76%)



- Red (44%)
- Yellow (64%)
- Blue (81%)



- Cyan (46%)
- Magenta (0%)
- Yellow (6%)
- Black (19%)



- Cyan (56%)
- Magenta (19%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6FCFC3 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 6FCFC3 by changing the saturation by 10% instead.



 6FCFC3

 6FCFC3

FFFFFF

 52B3A8

 A8FFFB

 34988D

 C5FFFF

 077E74

 E2FFFF

 00655B

 004C44

 00352E

 002119

 000000

 6FCFC3

 6FCFC3

5ACFC0

84CFC6

46CFBE

98CFC8

31CFBB

ADCFCB

1CCFB9

C2CFCD

07CFB6

D6CFD0

00CFB5

EBCFD3

FFCFD5

FFCFD8

FFCFDA

# Harmonies

## Analogous

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



8DCDA5



6FCFC3



63CEDF

# Triad

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



6FCFC3



CAB6EE



E8B58B

# Complementary

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



6FCFC3



CF6F7B

# 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.



F7AC9F



6FCFC3



E8ADD8

# Square

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



6FCFC3



A1C0F8



F8A9BB



CEBF85

# Rectangle

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



6FCFC3



6ECAEE



F8A9BB



EEB290

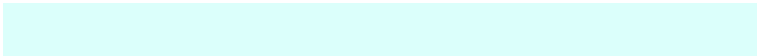


# Sweetspot

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



6FCFC3



DBFFFB



7CCF6F



6A807D



000000



808080



# Same Dimension

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



6FCFC3



70FFED



6FACCF



5E6967



00A893



002924



# Inverse Universe

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



CF6F7B



FF7082



CF926F



695E5F



A80015

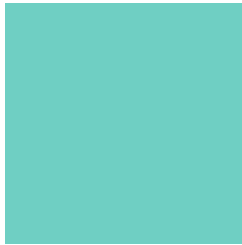


290005



# Previews

## White Background



This preview shows how the Hex color 6FCFC3 looks on a white background.

## Color Contrast Check

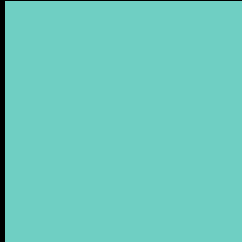
Large Text (above 18pt) WCAG AA × Fail

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 6FCFC3 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

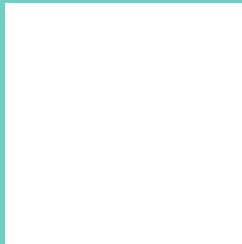
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6FCFC3 Background



This preview shows how black text looks on a background with the Hex color 6FCFC3.



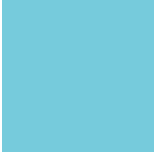
This preview shows how white text looks on a background with the Hex color 6FCFC3.

# Color Blindness Simulation

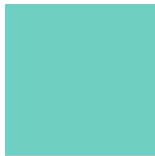
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





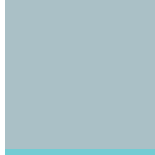
# Trichromacy



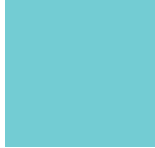
**Original Color**  
6FCFC3



**Protanomaly**  
A4C4BD



**Deuteranomaly**  
AAC0C6

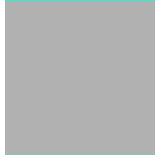


**Tritanomaly**  
73CCD3

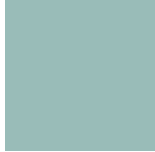
# Monochromacy



**Original Color**  
6FCFC3



**Achromatopsia**  
B1B1B1



**Achromatomaly**  
99BCB8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6FCFC3 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 #6FCFC3 looks like.

```
.text, #text, p{  
    color:#6FCFC3  
}
```

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 #6FCFC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FCFC3
}
```

## Border

The CSS property to change the border of an element to Hex 6FCFC3 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
#6FCFC3 }
```

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

```
.border{ border-color:#6FCFC3 }
```

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

Here you see how a box with a 4 pixel #6FCFC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FCFC3; -webkit-box-shadow:4px 4px  
4px 4px #6FCFC3; box-shadow:4px 4px 4px  
4px #6FCFC3 }
```

# Background

The CSS property to change the background color of an element to Hex 6FCFC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FCFC3 }
```

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

```
.background{ background-color:#6FCFC3 }
```

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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