

Converting Colors

Hex(3FC6D0)

Have a look what the booklet for
Hex(3FC6D0) contains.

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Color

Hex(3FC6D0)

Conversions

Conversions Part 1

Format	Color
Hex	3FC6D0
RGB	63, 198, 208
RGB Percent	25%, 78%, 82%
CMY	0.7529, 0.2235, 0.1843
CMYK	0.70, 0.05, 0.00, 0.18
HSL	184°, 61%, 53%
HSV	184°, 70%, 82%
XYZ	33.6291, 45.9990, 66.7808
YIQ	158.7750, -83.6700, -25.5100

Conversions

Conversions Part 2

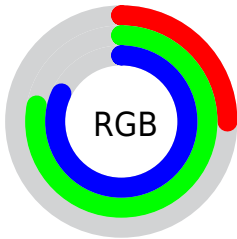
Format	Color
RYB	63, 133, 208
Decimal	4179664
CIELab	73.54, -32.33, -15.54
CIELCh	74, 35.869, 205.671
Yxy	45.9990, 0.2297, 0.3142
Android (android.graphics.Color)	4282369744 (0xFF3FC6D0)
YUV	158.7750, 24.2679, -83.9947
Hunter-Lab	67.8226, -30.1820, -10.9035

Details

The Hex color **3FC6D0** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **D0493F**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **82FFFF**, and **00909A** is the 20% darker color. If you saturate the color by 10%, you get **2AC5D0**, and if you desaturate by 10%, it is **54C7D0**.

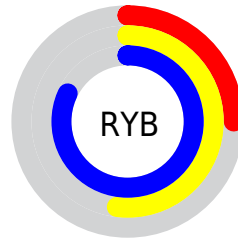
Distribution



Red (25%)

Green (78%)

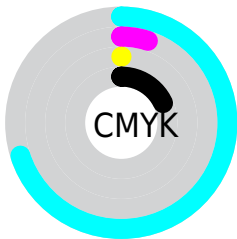
Blue (82%)



Red (25%)

Yellow (52%)

Blue (82%)

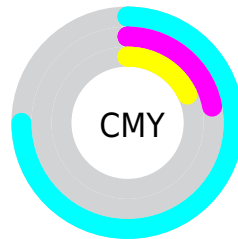


Cyan (70%)

Magenta (5%)

Yellow (0%)

Black (18%)



Cyan (75%)

Magenta (22%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3FC6D0 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 3FC6D0 by changing the saturation by 10% instead.

3FC6D0

3FC6D0

FFFFFF

02AAB4

82FFFF

00909A

A1FFFF

007680

BFFFFF

005C67

DDFFFF

00444F

FCFFFF

002D38

001622

00000B

000000

 3FC6D0

 3FC6D0

 2AC5D0

 54C7D0

 15C3D0

 69C9D0

 01C2D0

 7DCAD0

 00C2D0

 92CCD0

 A7CDD0

 BCCFD0

 D1D0D0

 E5D1D0

 FAD3D0

Harmonies

Analogous

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



5FC6AF



3FC6D0



4EC2EA

Triad

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



3FC6D0



DAA3DA



CFB173

Complementary

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



3FC6D0



D0493F

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.



E9A67F



3FC6D0



F19CBB

Square

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



3FC6D0



B2AEF0



F59D9A



AEBB78

Rectangle

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



3FC6D0



6EBDF4



F59D9A



D9AD75

Sweetspot

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



3FC6D0



C9FBFF



3FD049



607D80



000000



808080

Same Dimension

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



3FC6D0



29F0FF



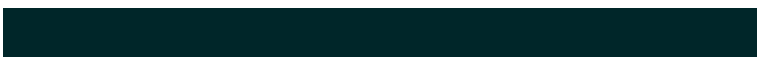
3F7ED0



5E6869



009DA8



002629

Inverse Universe

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



D03FC6



FF29F0



D0913F



695E68



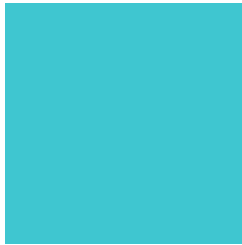
A8009D



290026

Previews

White Background



This preview shows how the Hex color 3FC6D0 looks on a white background.

Color Contrast Check

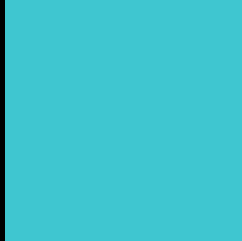
Large Text (above 18pt) WCAG AA × Fail

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 3FC6D0 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 3FC6D0 Background



This preview shows how black text looks on a background with the Hex color 3FC6D0.

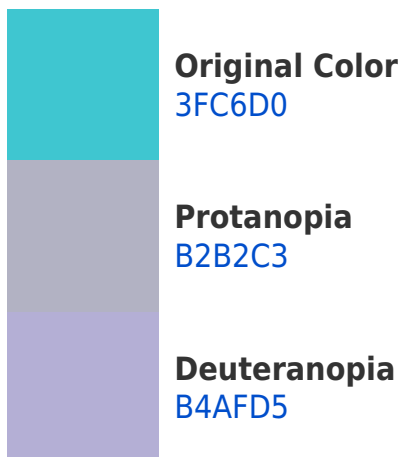


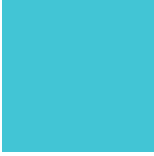
This preview shows how white text looks on a background with the Hex color 3FC6D0.

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](#).

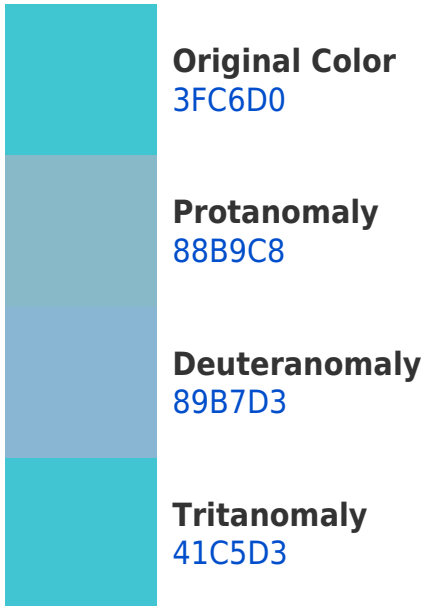
Dichromacy



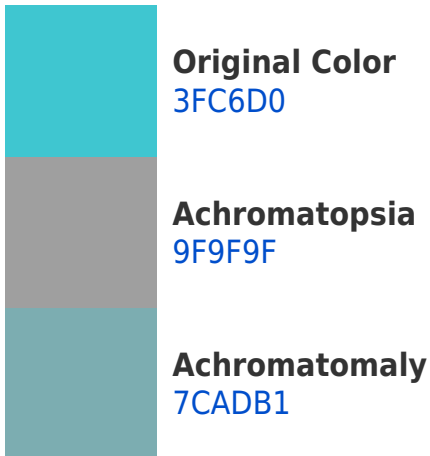


Tritanopia
42C5D5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3FC6D0 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 #3FC6D0 looks like.

```
.text, #text, p{  
    color:#3FC6D0  
}
```

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 #3FC6D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FC6D0
}
```

Border

The CSS property to change the border of an element to Hex 3FC6D0 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
#3FC6D0 }
```

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

```
.border{ border-color:#3FC6D0 }
```

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

Here you see how a box with a 4 pixel #3FC6D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FC6D0; -webkit-box-shadow:4px 4px  
4px 4px #3FC6D0; box-shadow:4px 4px 4px  
4px #3FC6D0 }
```

Background

The CSS property to change the background color of an element to Hex 3FC6D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FC6D0 }
```

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

```
.background{ background-color:#3FC6D0 }
```

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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