

Converting Colors

Hex(3FC3DC)

Have a look what the booklet for
Hex(3FC3DC) contains.

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Color

Hex(3FC3DC)

Conversions

Conversions Part 1

Format	Color
Hex	3FC3DC
RGB	63, 195, 220
RGB Percent	25%, 76%, 86%
CMY	0.7529, 0.2353, 0.1373
CMYK	0.71, 0.11, 0.00, 0.14
HSL	190°, 69%, 55%
HSV	190°, 71%, 86%
XYZ	34.4833, 45.2543, 74.6276
YIQ	158.3820, -86.6970, -20.2090

Conversions

Conversions Part 2

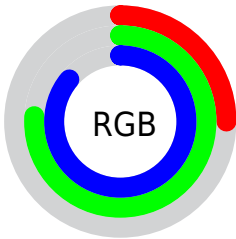
Format	Color
R _{YB}	63, 135, 220
Decimal	4178908
CIE Lab	73.06, -27.27, -22.79
CIE LCh	73, 35.534, 219.887
Yxy	45.2543, 0.2234, 0.2932
Android (android.graphics.Color)	4282368988 (0xFF3FC3DC)
YUV	158.3820, 30.3777, -83.6500
Hunter-Lab	67.2713, -26.2257, -18.6836

Details

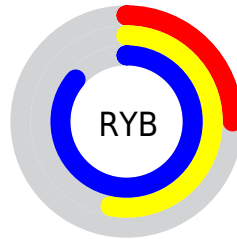
The Hex color **3FC3DC** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **DC583F**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **83FCFF**, and **008DA5** is the 20% darker color. If you saturate the color by 10%, you get **29BFDC**, and if you desaturate by 10%, it is **55C7DC**.

Distribution



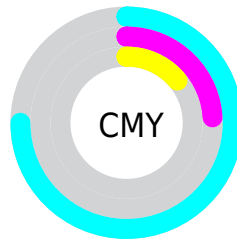
- Red (25%)
- Green (76%)
- Blue (86%)



- Red (25%)
- Yellow (53%)
- Blue (86%)



- Cyan (71%)
- Magenta (11%)
- Yellow (0%)
- Black (14%)



- Cyan (75%)
- Magenta (24%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3FC3DC 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 3FC3DC by changing the saturation by 10% instead.

 3FC3DC

 3FC3DC

FFFFFF

 00A8C0

 83FCFF

 008DA5

 A2FFFF

 00738B

 C0FFFF

 005A71

 DFFFFF

 004258

FEFFFF

 002C41

 00152B

 000116

 000000

 3FC3DC

 3FC3DC

 29BFDC

 55C7DC

 13BCDC

 6BCADC

 00B9DC

 81CEDC

 97D1DC

 ADD5DC

 C3D8DC

 D9DCDC

 EFDFDC

 FFE3DC

Harmonies

Analogous

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



4DC5BD



3FC3DC



64BDF0

Triad

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



3FC3DC



E59DCA



BFB573

Complementary

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



3FC3DC



DC583F

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.



DCAA77



3FC3DC



F39BAA

Square

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



3FC3DC



C5A7E5



EFA08B



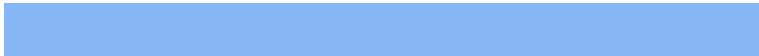
9BBE80

Rectangle

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



3FC3DC



86B6F4



EFA08B



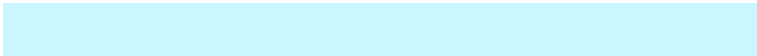
CAB172

Sweetspot

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



3FC3DC



C9F6FF



3FDC57



607A80



000000



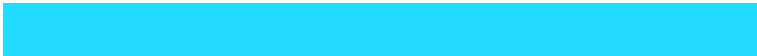
808080

Same Dimension

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



3FC3DC



24DCFF



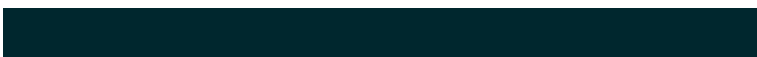
3F76DC



636C6E



0092AD



00272E

Inverse Universe

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



DC3FC3



FF24DC



DCA53F



6E636C



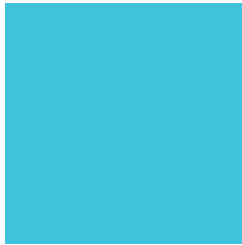
AD0092



2E0027

Previews

White Background



This preview shows how the Hex color 3FC3DC looks on a white background.

Color Contrast Check

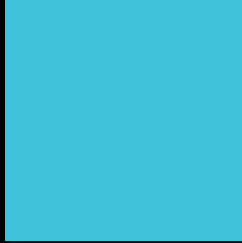
Large Text (above 18pt) WCAG AA × Fail

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 3FC3DC 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 3FC3DC Background



This preview shows how black text looks on a background with the Hex color 3FC3DC.

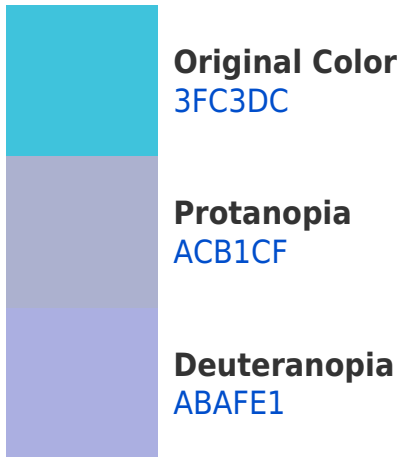


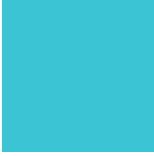
This preview shows how white text looks on a background with the Hex color 3FC3DC.

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](#).

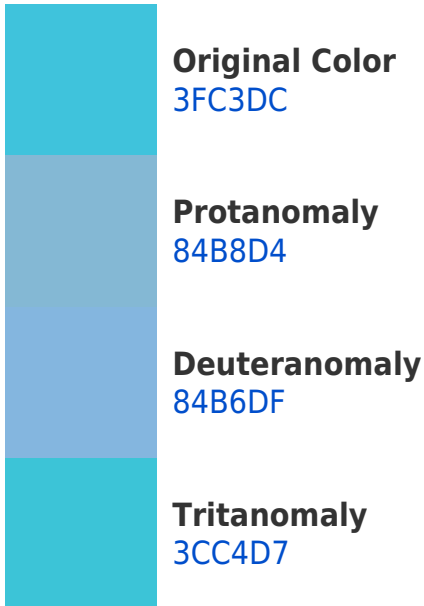
Dichromacy



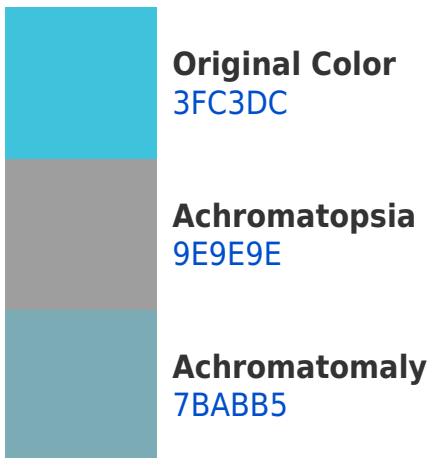


Tritanopia
3AC4D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3FC3DC 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 #3FC3DC looks like.

```
.text, #text, p{  
    color:#3FC3DC  
}
```

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 #3FC3DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FC3DC
}
```

Border

The CSS property to change the border of an element to Hex 3FC3DC 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
#3FC3DC }
```

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

```
.border{ border-color:#3FC3DC }
```

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

Here you see how a box with a 4 pixel #3FC3DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FC3DC; -webkit-box-shadow:4px 4px  
4px 4px #3FC3DC; box-shadow:4px 4px 4px  
4px #3FC3DC }
```

Background

The CSS property to change the background color of an element to Hex 3FC3DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FC3DC }
```

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

```
.background{ background-color:#3FC3DC }
```

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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