

# Converting Colors

Hex(3FC0D3)

Have a look what the booklet for  
Hex(3FC0D3) contains.

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# Color

**Hex(3FC0D3)**

# Conversions

Conversions Part 1	
Format	Color
Hex	3FC0D3
RGB	63, 192, 211
RGB Percent	25%, 75%, 83%
CMY	0.7529, 0.2471, 0.1725
CMYK	0.70, 0.09, 0.00, 0.17
HSL	188°, 63%, 54%
HSV	188°, 70%, 83%
XYZ	32.6574, 43.4592, 68.2953
YIQ	155.5950, -82.9830, -21.4390

# Conversions

## Conversions Part 2

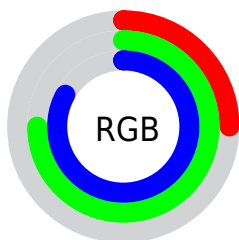
Format	Color
<a href="#">RYB</a>	<a href="#">63, 132, 211</a>
Decimal	<a href="#">4178131</a>
CIELab	<a href="#">71.87, -28.53, -19.71</a>
CIELCh	<a href="#">72, 34.675, 214.638</a>
Yxy	<a href="#">43.4592, 0.2261, 0.3009</a>
Android (android.graphics.Color)	<a href="#">4282368211</a> (0xFF3FC0D3)
YUV	<a href="#">155.5950, 27.3147, -81.2058</a>
Hunter-Lab	<a href="#">65.9236, -26.9404, -15.2765</a>

# Details

The Hex color **3FC0D3** 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 **D3523F**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **82F9FF**, and **008A9C** is the 20% darker color. If you saturate the color by 10%, you get **2ABDD3**, and if you desaturate by 10%, it is **54C3D3**.

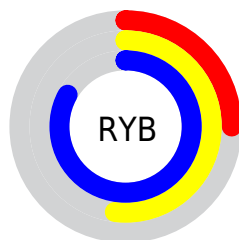
# Distribution



Red (25%)

Green (75%)

Blue (83%)



Red (25%)

Yellow (52%)

Blue (83%)

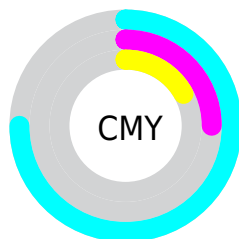


Cyan (70%)

Magenta (9%)

Yellow (0%)

Black (17%)



Cyan (75%)

Magenta (25%)

Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3FC0D3 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 3FC0D3 by changing the saturation by 10% instead.



 3FC0D3

 3FC0D3

FFFFFF

 03A5B7

 82F9FF

 008A9C

 A0FFFF

 007082

 BFFFFFF

 005769

 DDFFFF

 004051

 FCFFFF

 00293A

 000F25

 00010D

 000000

 3FC0D3

 3FC0D3

 2ABDD3

 54C3D3

 15BBD3

 69C5D3

 00B8D3

 7EC8D3

 93CBD3

 A9CED3

 BED0D3

 D3D3D3

 E8D6D3

 FDD8D3

# Harmonies

## Analogous

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



53C1B4



3FC0D3



5BBBE8

# Triad

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



3FC0D3



DC9CCC



C1B071

# Complementary

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



3FC0D3



D3523F

# 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.



DCA578



3FC0D3



ED98AC

# Square

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



3FC0D3



BBA6E4



EC9C8E



9FB97B

# Rectangle

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



3FC0D3



7BB5EF



EC9C8E



CBAC71

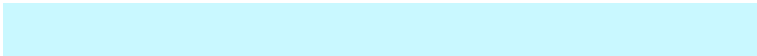


# Sweetspot

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



3FC0D3



C9F8FF



3FD350



607B80



000000



808080

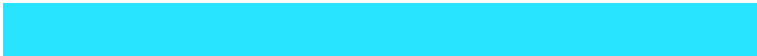


# Same Dimension

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



3FC0D3



29E4FF



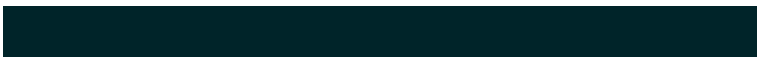
3F78D3



5E6769



0093A8



002429



# Inverse Universe

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



D33FC0



FF29E4



D39A3F



695E67



A80093

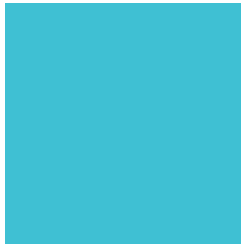


290024



# Previews

## White Background



This preview shows how the Hex color 3FC0D3 looks on a white background.

## Color Contrast Check

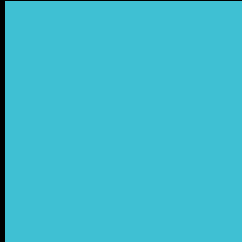
Large Text (above 18pt) WCAG AA × Fail

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 3FC0D3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

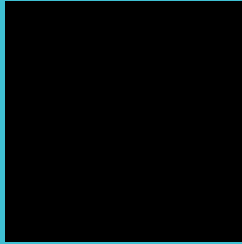
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 3FC0D3 Background



This preview shows how black text looks on a background with the Hex color 3FC0D3.



This preview shows how white text looks on a background with the Hex color 3FC0D3.

# 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](#).

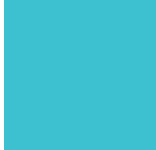
## Dichromacy



**Original Color**  
3FC0D3

**Protanopia**  
ABADC7


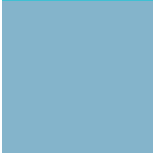
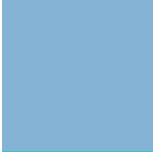

**Deuteranopia**  
ABABD8




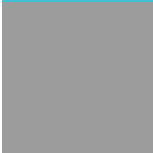

# Tritanopia

3DC0D0

# Trichromacy

	<b>Original Color</b> 3FC0D3
	<b>Protanomaly</b> 84B4CB
	<b>Deuteranomaly</b> 84B3D6
	<b>Tritanomaly</b> 3EC0D1

# Monochromacy

	<b>Original Color</b> 3FC0D3
	<b>Achromatopsia</b> 9C9C9C
	<b>Achromatomaly</b> 7AA9B0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3FC0D3 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 #3FC0D3 looks like.

```
.text, #text, p{  
    color:#3FC0D3  
}
```

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 #3FC0D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FC0D3
}
```

## Border

The CSS property to change the border of an element to Hex 3FC0D3 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
#3FC0D3 }
```

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

```
.border{ border-color:#3FC0D3 }
```

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

Here you see how a box with a 4 pixel #3FC0D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FC0D3; -webkit-box-shadow:4px 4px  
4px 4px #3FC0D3; box-shadow:4px 4px 4px  
4px #3FC0D3 }
```

# Background

The CSS property to change the background color of an element to Hex 3FC0D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FC0D3 }
```

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

```
.background{ background-color:#3FC0D3 }
```

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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