

# Converting Colors

Hex(3CCCCDC)

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

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

# **Color**

**Hex(3CCCDC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3CCCDC
RGB	60, 204, 220
RGB Percent	24%, 80%, 86%
CMY	0.7647, 0.2000, 0.1373
CMYK	0.73, 0.07, 0.00, 0.14
HSL	186°, 70%, 55%
HSV	186°, 73%, 86%
XYZ	36.3746, 49.3137, 75.3115
YIQ	162.7680, -90.9600, -25.5520

# Conversions

## Conversions Part 2

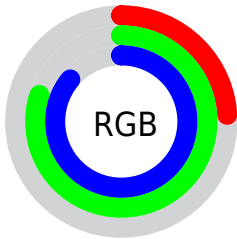
<b>Format</b>	<b>Color</b>
<b>RYB</b>	60, 136, 220
Decimal	3984604
CIELab	75.65, -32.01, -18.86
CIELCh	76, 37.157, 210.509
Yxy	49.3137, 0.2259, 0.3063
Android (android.graphics.Color)	4282174684 (0xFF3CCCDC)
YUV	162.7680, 28.2154, -90.1275
Hunter-Lab	70.2237, -30.4317, -14.4290




# Details

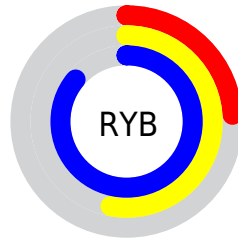
The Hex color **3CCCCD** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **DC4C3C**, and the grayscale version is **A3A3A3**.




A 20% lighter version of the original color is **82FFFF**, and **0095A5** is the 20% darker color. If you saturate the color by 10%, you get **26CADC**, and if you desaturate by 10%, it is **52CEDC**.

# Distribution







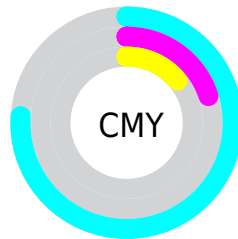
-  Red (24%)
-  Green (80%)
-  Blue (86%)






-  Red (24%)
-  Yellow (53%)
-  Blue (86%)



-  Cyan (73%)
-  Magenta (7%)
-  Yellow (0%)
-  Black (14%)



-  Cyan (76%)
-  Magenta (20%)
-  Yellow (14%)

# Brightness & Saturation Gradients

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



 3CCDCD

 3CCDCD

FFFFFF

 00B0C0

 82FFFF

 0095A5

 A1FFFF

 007B8B

 C0FFFF

 006271


 DFFFFFF

 004959

FEFFFF

 003241

 001E2B

 000117

 000000

■ 3CCDC

■ 3CCDC

■ 26CADC

■ 52CEDC

■ 10C8DC

■ 68D0DC

■ 00C6DC

■ 7ED3DC

■ 94D5DC

■ AAD7DC

■ C0D9DC

■ D6DBDC

■ ECDEDC

■ FFE0DC

# Harmonies

## Analogous

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



5ACDBA



3CCDCD



55C7F5

# Triad

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



3CCDC



E6A6DD



D1B875

# Complementary

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



3CCDC



DC43C

# 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.



EDAD80



3CCDCD



FBA0BB

# Square

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



3CCDCD



BFB1F5



FDA399



ADC37E

# Rectangle

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



3CCDCD



79C1FD



FDA399



DBB577



# Sweetspot

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



3CCDCD



C7F9FF



3CDC4C



5E7C80



000000



808080

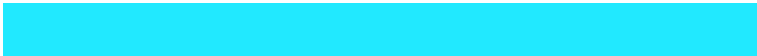


# Same Dimension

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



3CCDC



21E9FF



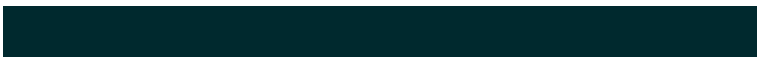
3C7CDC



636D6E



009CAD



00292E



# Inverse Universe

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



DC3CCC



FF21E9



DC9C3C



6E636D



AD009C

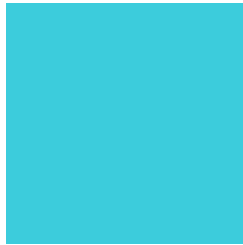


2E0029



# Previews

## White Background



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

## Color Contrast Check

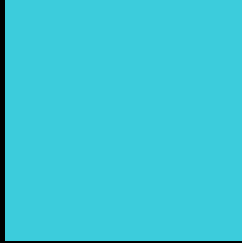
Large Text (above 18pt) WCAG AA × Fail

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 3CCDC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

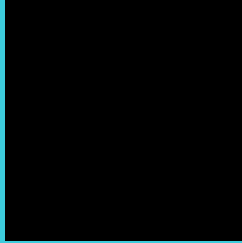
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 3CCDC Background



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

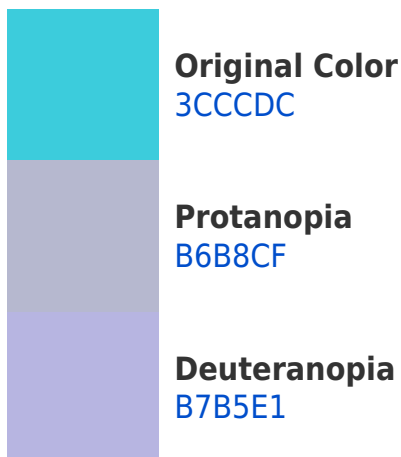


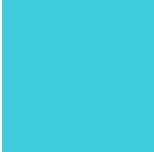
This preview shows how white text looks on a background with the Hex color 3CCDC.

# 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**  
3CCCDC



**Protanomaly**  
8ABFD4



**Deuteranomaly**  
8ABDDF

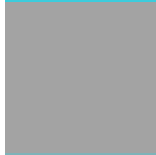


**Tritanomaly**  
3CCCDC

# Monochromacy



**Original Color**  
3CCCDC



**Achromatopsia**  
A3A3A3



**Achromatomaly**  
7EB2B8

# CSS Examples

## Text

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

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

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 #3CCDCD colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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