

Converting Colors

Hex(3CC6D7)

Have a look what the booklet for
Hex(3CC6D7) contains.

Hex(3CC6D7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3CC6D7)

Conversions

Conversions Part 1

Format	Color
Hex	3CC6D7
RGB	60, 198, 215
RGB Percent	24%, 78%, 84%
CMY	0.7647, 0.2235, 0.1569
CMYK	0.72, 0.08, 0.00, 0.16
HSL	187°, 66%, 54%
HSV	187°, 72%, 84%
XYZ	34.3233, 46.2551, 71.4091
YIQ	158.6760, -87.7050, -23.9690

Conversions

Conversions Part 2

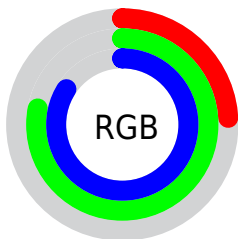
Format	Color
R _{YB}	60, 133, 215
Decimal	3983063
CIE Lab	73.71, -30.63, -19.09
CIE LCh	74, 36.090, 211.937
Yxy	46.2551, 0.2258, 0.3043
Android (android.graphics.Color)	4282173143 (0xFF3CC6D7)
YUV	158.6760, 27.7677, -86.5389
Hunter-Lab	68.0111, -28.9355, -14.6445

Details

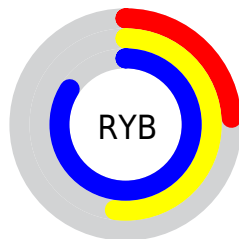
The Hex color **3CC6D7** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **D74D3C**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **81FFFF**, and **0090A0** is the 20% darker color. If you saturate the color by 10%, you get **26C4D7**, and if you desaturate by 10%, it is **51C8D7**.

Distribution



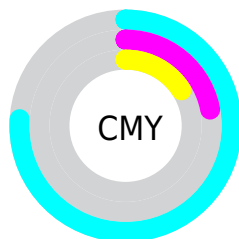
- Red (24%)
- Green (78%)
- Blue (84%)



- Red (24%)
- Yellow (52%)
- Blue (84%)



- Cyan (72%)
- Magenta (8%)
- Yellow (0%)
- Black (16%)



- Cyan (76%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3CC6D7 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 3CC6D7 by changing the saturation by 10% instead.

3CC6D7

3CC6D7

FFFFFF

00AABB

81FFFF

0090A0

A0FFFF

007686

BEFFFF

005D6D

DDFFFF

004454

FCFFFF

002D3D

001727

000112

000000

■ 3CC6D7

■ 3CC6D7

■ 26C4D7

■ 51C8D7

■ 11C1D7

■ 67CBD7

■ 00BFD7

■ 7CCDD7

■ 92CFD7

■ A8D2D7

■ BDD4D7

■ D3D7D7

■ E8D9D7

■ FEDBD7

Harmonies

Analogous

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



56C7B6



3CC6D7



56C1EF

Triad

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



3CC6D7



E1A1D5



C9B473

Complementary

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



3CC6D7



D74D3C

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.



E5A87C



3CC6D7



F49CB4

Square

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



3CC6D7



BCACED



F59F94



A6BE7C

Rectangle

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



3CC6D7



79BBF6



F59F94



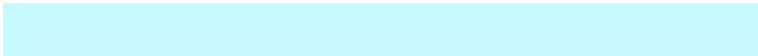
D4B074

Sweetspot

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



3CC6D7



C7F9FF



3CD74B



5E7C80



000000



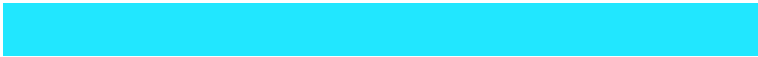
808080

Same Dimension

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



3CC6D7



21E7FF



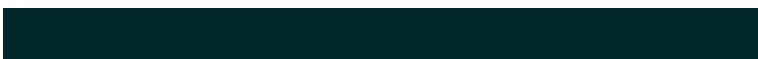
3C7AD7



606A6B



0098AB



00272B

Inverse Universe

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



D73CC6



FF21E7



D7993C



6B606A



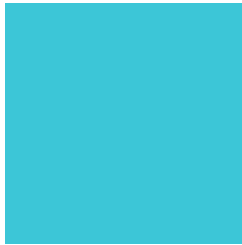
AB0098



2B0027

Previews

White Background



This preview shows how the Hex color 3CC6D7 looks on a white background.

Color Contrast Check

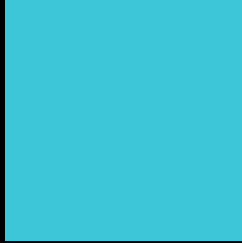
Large Text (above 18pt) WCAG AA × Fail

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 3CC6D7 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 3CC6D7 Background



This preview shows how black text looks on a background with the Hex color 3CC6D7.

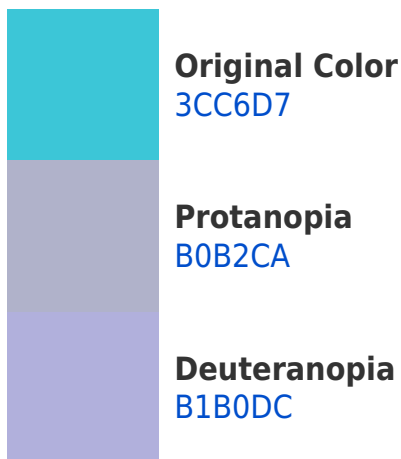


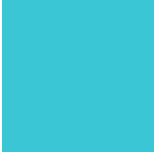
This preview shows how white text looks on a background with the Hex color 3CC6D7.

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](#).

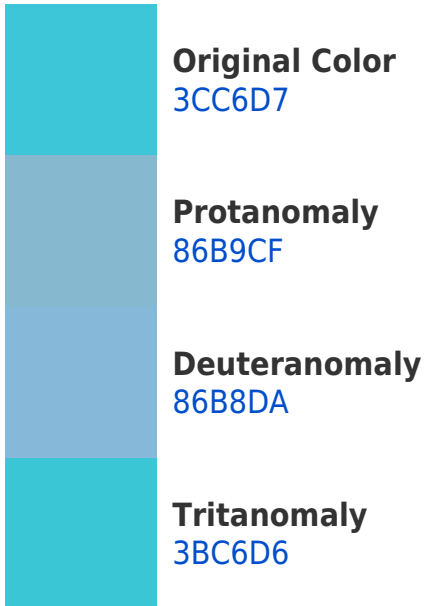
Dichromacy



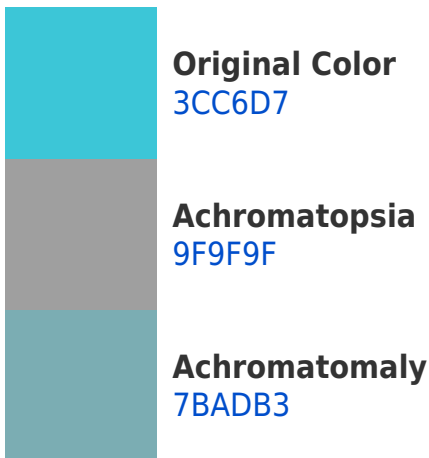


Tritanopia
3BC6D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3CC6D7 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 #3CC6D7 looks like.

```
.text, #text, p{  
    color:#3CC6D7  
}
```

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 #3CC6D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CC6D7
}
```

Border

The CSS property to change the border of an element to Hex 3CC6D7 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
#3CC6D7 }
```

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

```
.border{ border-color:#3CC6D7 }
```

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

Here you see how a box with a 4 pixel #3CC6D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CC6D7; -webkit-box-shadow:4px 4px  
4px 4px #3CC6D7; box-shadow:4px 4px 4px  
4px #3CC6D7 }
```

Background

The CSS property to change the background color of an element to Hex 3CC6D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CC6D7 }
```

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

```
.background{ background-color:#3CC6D7 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor