

Converting Colors

Hex(3CCDC6)

Have a look what the booklet for
Hex(3CCDC6) contains.

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Color

Hex(3CCDC6)

Conversions

Conversions Part 1

Format	Color
Hex	3CCDC6
RGB	60, 205, 198
RGB Percent	24%, 80%, 78%
CMY	0.7647, 0.1961, 0.2235
CMYK	0.71, 0.00, 0.03, 0.20
HSL	177°, 59%, 52%
HSV	177°, 71%, 80%
XYZ	33.8878, 48.7005, 61.0401
YIQ	160.8470, -84.1730, -32.9170

Conversions

Conversions Part 2

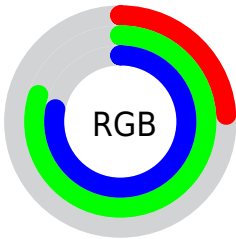
Format	Color
RYB	60, 134, 205
Decimal	3984838
CIELab	75.26, -38.84, -7.56
CIElCh	75, 39.565, 191.012
Yxy	48.7005, 0.2359, 0.3391
Android (android.graphics.Color)	4282174918 (0xFF3CCDC6)
YUV	160.8470, 18.3164, -88.4428
Hunter-Lab	69.7858, -35.4458, -3.0097

Details

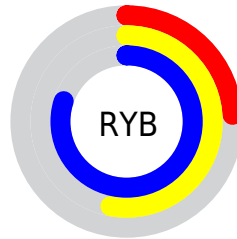
The Hex color **3CCDC6** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **CD3C43**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **80FFFF**, and **009690** is the 20% darker color. If you saturate the color by 10%, you get **27CDC5**, and if you desaturate by 10%, it is **51CDC7**.

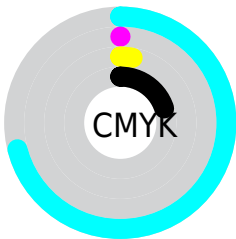
Distribution



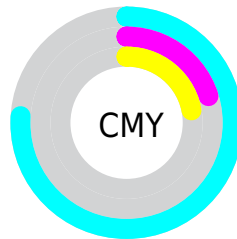
- Red (24%)
- Green (80%)
- Blue (78%)



- Red (24%)
- Yellow (53%)
- Blue (80%)



- Cyan (71%)
- Magenta (0%)
- Yellow (3%)
- Black (20%)



- Cyan (76%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3CCDC6 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 3CCDC6 by changing the saturation by 10% instead.

 3CCDC6

 3CCDC6

FFFFFF

 00B1AB

 80FFFF

 009690

 9FFFFFF

 007C77

 BFFFFFF

 00625E

 DCFFFF

 004946

 FBFFFF

 003230

 001C1B

 000000

 3CCDC6

 3CCDC6

■ 27CDC5

■ 51CDC7

■ 13CDC4

■ 65CDC8

■ 00CDC3

■ 7ACDC9

■ 8ECDCA

■ A3CDCB

■ B7CDCC

■ CCCDCD

■ E0CDCE

■ F5CDCF

Harmonies

Analogous

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



6FCBA0



3CCDC6



23CBE8

Triad

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



3CCDC6



CFABF1



E5AF75

Complementary

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



3CCDC6



CD3C43

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.



FBA38B



3CCDC6



F2A0D2

Square

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



3CCDC6



9BB8FF



FF9DAD



C4BB71

Rectangle

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



3CCDC6



47C6F8



FF9DAD



EEAB7B

Sweetspot

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



3CCDC6



C9FFFC



43CD3C



60807E



000000



808080

Same Dimension

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



3CCDC6



26FFF5



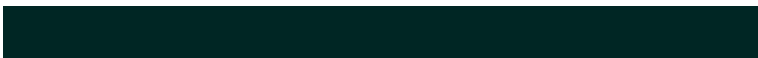
3C8CCD



5C6666



00A69E



002624

Inverse Universe

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



CD3C43



FF2631



CD7D3C



665C5C



A60008



260002

Previews

White Background



This preview shows how the Hex color 3CCDC6 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 3CCDC6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

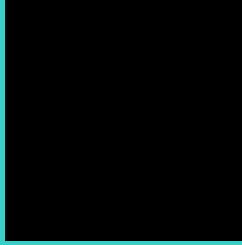
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

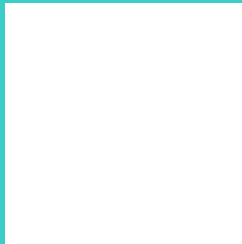
Any Text WCAG AAA ✓ Pass

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

Hex 3CCDC6 Background



This preview shows how black text looks on a background with the Hex color 3CCDC6.

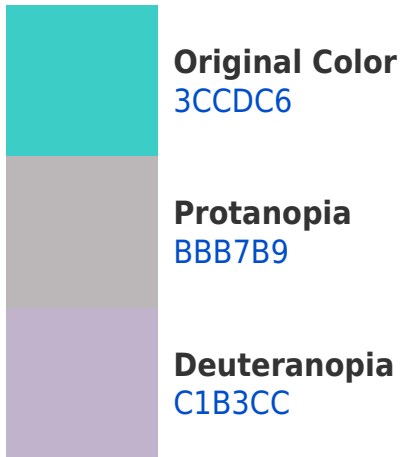


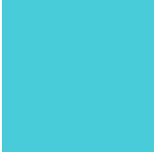
This preview shows how white text looks on a background with the Hex color 3CCDC6.

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

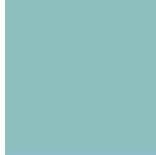




Trichromacy



Original Color
3CCDC6



Protanomaly
8DBFBE



Deuteranomaly
91BCCA



Tritanomaly
44CBD3

Monochromacy



Original Color
3CCDC6



Achromatopsia
A1A1A1



Achromatomaly
7CB1AE

CSS Examples

Text

The CSS property to change the color of the text to Hex 3CCDC6 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 #3CCDC6 looks like.

```
.text, #text, p{  
    color:#3CCDC6  
}
```

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 #3CCDC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CCDC6  
}
```

Border

The CSS property to change the border of an element to Hex 3CCDC6 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  
#3CCDC6 }
```

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

```
.border{ border-color:#3CCDC6 }
```

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

Here you see how a box with a 4 pixel #3CCDC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CCDC6; -webkit-box-shadow:4px 4px  
4px 4px #3CCDC6; box-shadow:4px 4px 4px  
4px #3CCDC6 }
```

Background

The CSS property to change the background color of an element to Hex 3CCDC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CCDC6 }
```

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

```
.background{ background-color:#3CCDC6 }
```

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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