

Converting Colors

Hex(30CDCD)

Have a look what the booklet for
Hex(30CDCD) contains.

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Color

Hex(30CDCD)

Conversions

Conversions Part 1

Format	Color
Hex	30CDCD
RGB	48, 205, 205
RGB Percent	19%, 80%, 80%
CMY	0.8118, 0.1961, 0.1961
CMYK	0.77, 0.00, 0.00, 0.20
HSL	180°, 62%, 50%
HSV	180°, 77%, 80%
XYZ	34.0697, 48.6988, 65.3618
YIQ	158.0570, -93.5720, -33.2840

Conversions

Conversions Part 2

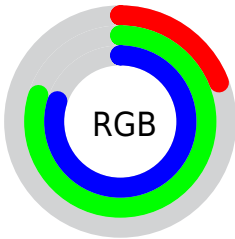
Format	Color
RYB	48, 127, 205
Decimal	3198413
CIELab	75.26, -38.20, -11.36
CIELCh	75, 39.853, 196.566
Yxy	48.6988, 0.2300, 0.3288
Android (android.graphics.Color)	4281388493 (0xFF30CDCD)
YUV	158.0570, 23.1429, -96.5200
Hunter-Lab	69.7845, -34.9770, -6.6832

Details

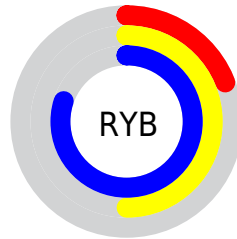
The Hex color **30CDCD** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **CD3030**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **7AFFFF**, and **009697** is the 20% darker color. If you saturate the color by 10%, you get **1BCDCD**, and if you desaturate by 10%, it is **45CDCD**.

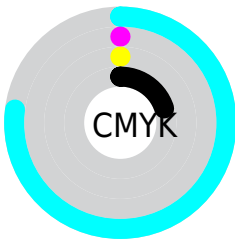
Distribution



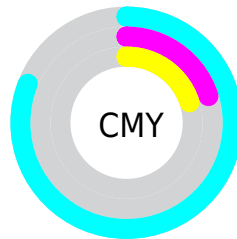
- Red (19%)
- Green (80%)
- Blue (80%)



- Red (19%)
- Yellow (50%)
- Blue (80%)



- Cyan (77%)
- Magenta (0%)
- Yellow (0%)
- Black (20%)



- Cyan (81%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30CDCD 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 30CDCD by changing the saturation by 10% instead.

 30CDCD

 30CDCD

FFFFFF

 00B1B2

 7AFFFF

 009697

 99FFFF

 007C7D

 B8FFFF

 006264

 D7FFFF

 00494C

 F6FFFF

 003236

 001C20

 000008

 000000

■ 30CDCD

■ 30CDCD

■ 1BCDCD

■ 45CDCD

■ 07CDCD

■ 59CDCD

■ 00CDCD

■ 6ECDCD

■ 82CDCD

■ 97CDCD

■ ABCDCD

■ C0CDCD

■ D4CDCD

■ E9CDCD

Harmonies

Analogous

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



65CCA7



30CDD



27CAEE

Triad

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



30CDCD



D7A9EC



E0B172

Complementary

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



30CDCD



CD3030

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.



F9A586



30CDCD



F79FCB

Square

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



30CDCD



A5B6FF



FF9DA6



BDBE72

Rectangle

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



30CDCD



51C5FC



FF9DA6



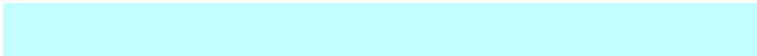
EAAD77

Sweetspot

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



30CDCD



C4FFFF



30CD30



5C8080



000000



808080

Same Dimension

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



30CDCD



14FFFF



307ECD



5C6666



00A6A6



002626

Inverse Universe

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



CD30CD



FF14FF



CD7E30



665C66



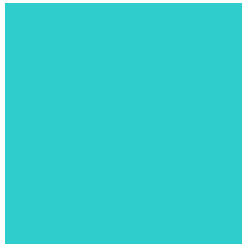
A600A6



260026

Previews

White Background



This preview shows how the Hex color 30CDCD looks on a white background.

Color Contrast Check

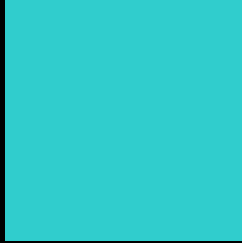
Large Text (above 18pt) WCAG AA × Fail

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 30CD CD 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

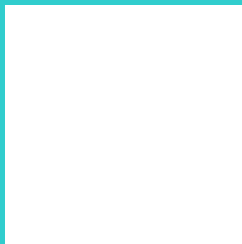
Any Text WCAG AAA ✓ Pass

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

Hex 30CDCD Background



This preview shows how black text looks on a background with the Hex color 30CDCD.

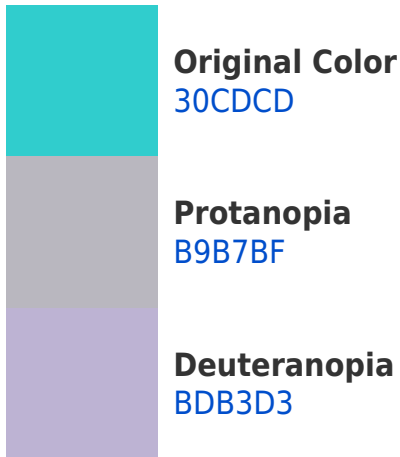


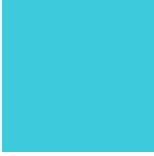
This preview shows how white text looks on a background with the Hex color 30CDCD.

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
3BCBDB

Trichromacy



Original Color
30CDCD



Protanomaly
87BFC4



Deuteranomaly
8ABCD1



Tritanomaly
37CCD6

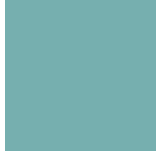
Monochromacy



Original Color
30CDCD



Achromatopsia
9E9E9E



Achromatomaly
76AFAF

CSS Examples

Text

The CSS property to change the color of the text to Hex 30CDCD 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 #30CDCD looks like.

```
.text, #text, p{  
    color:#30CDCD  
}
```

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 #30CDCD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30CDCD
}
```

Border

The CSS property to change the border of an element to Hex 30CDCD 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
#30CDCD }
```

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

```
.border{ border-color:#30CDCD }
```

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

Here you see how a box with a 4 pixel #30CDCD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30CDCD; -webkit-box-shadow:4px 4px  
4px 4px #30CDCD; box-shadow:4px 4px 4px  
4px #30CDCD }
```

Background

The CSS property to change the background color of an element to Hex 30CDCD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30CDCD }
```

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

```
.background{ background-color:#30CDCD }
```

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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