

Converting Colors

Hex(30CDDD)

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

Hex(30CDDD)	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(30CDDD)

Conversions

Conversions Part 1

Format	Color
Hex	30CDDD
RGB	48, 205, 221
RGB Percent	19%, 80%, 87%
CMY	0.8118, 0.1961, 0.1333
CMYK	0.78, 0.07, 0.00, 0.13
HSL	186°, 72%, 53%
HSV	186°, 78%, 87%
XYZ	36.1014, 49.5115, 76.0605
YIQ	159.8810, -98.7080, -28.3080

Conversions

Conversions Part 2

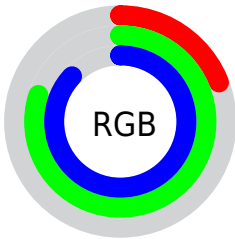
Format	Color
R_{YB}	48, 130, 221
Decimal	3198429
CIE _{Lab}	75.77, -33.45, -19.24
CIE _{LCh}	76, 38.588, 209.902
Yxy	49.5115, 0.2233, 0.3062
Android (android.graphics.Color)	4281388509 (0xFF30CDDD)
YUV	159.8810, 30.1317, -98.1196
Hunter-Lab	70.3644, -31.5559, -14.8346

Details

The Hex color **30CDDD** 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 **DD4030**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **7BFFFF**, and **0096A6** is the 20% darker color. If you saturate the color by 10%, you get **1ACBDD**, and if you desaturate by 10%, it is **46CFDD**.

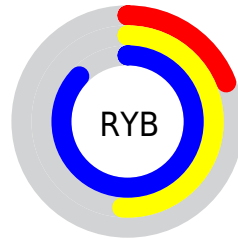
Distribution



Red (19%)

Green (80%)

Blue (87%)



Red (19%)

Yellow (51%)

Blue (87%)

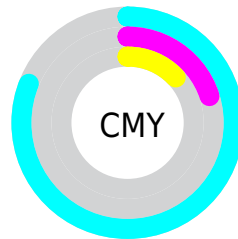


Cyan (78%)

Magenta (7%)

Yellow (0%)

Black (13%)



Cyan (81%)

Magenta (20%)

Yellow (13%)

Brightness & Saturation Gradients

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

 30CDDD

 30CDDD

FFFFFF

 00B1C1

 7BFFFF

 0096A6

 9BFFFF

 007C8C

 BBFFFF

 006372

 DAFFFF

 004A5A

 F9FFFF

 003342

 001E2C

 000117

 000000

■ 30CDDD

■ 30CDDD

■ 1ACBDD

■ 46CFDD

■ 04C9DD

■ 5CD1DD

■ 00C9DD

■ 72D3DD

■ 88D5DD

■ 9ED7DD

■ B5D9DD

■ CBDBDD

■ E1DDDD

■ F7DFDD

Harmonies

Analogous

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



55CEB9



30CDDD



4DC8F7

Triad

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



30CDDD



E8A6DF



D3B873

Complementary

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



30CDDD



DD4030

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.



EFAC7E



30CDDD



FD9FBC

Square

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



30CDDD



BFB2F8



FFA299



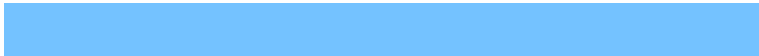
ADC37C

Rectangle

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



30CDDD



74C2FF



FFA299



DDB475

Sweetspot

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



30CDDD



C4FAFF



30DD3E



5C7C80



000000



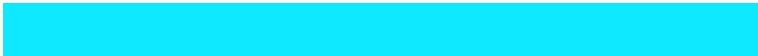
808080

Same Dimension

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



30CDDD



0FE9FF



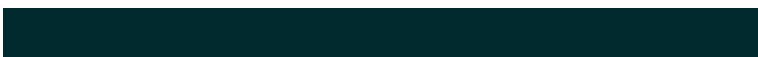
3078DD



636D6E



009DAD



002A2E

Inverse Universe

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



DD30CD



FF0FE9



DD9530



6E636D



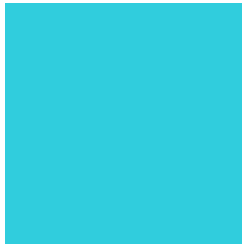
AD009D



2E002A

Previews

White Background



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

Color Contrast Check

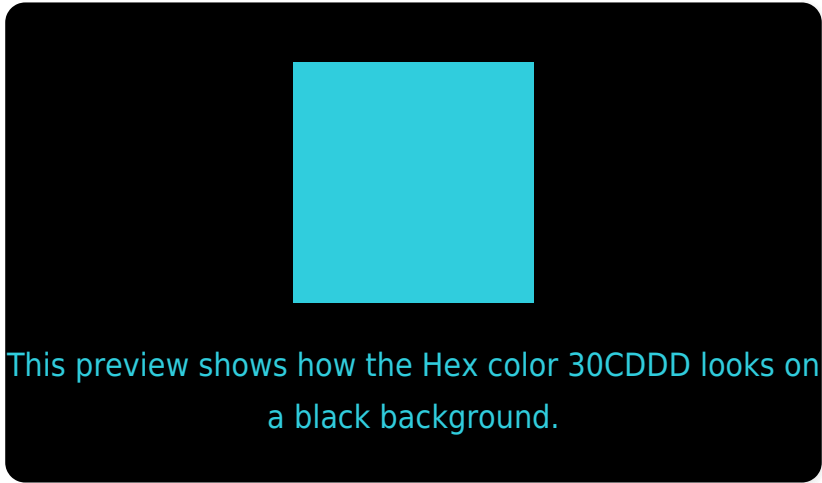
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 30CDDD Background



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

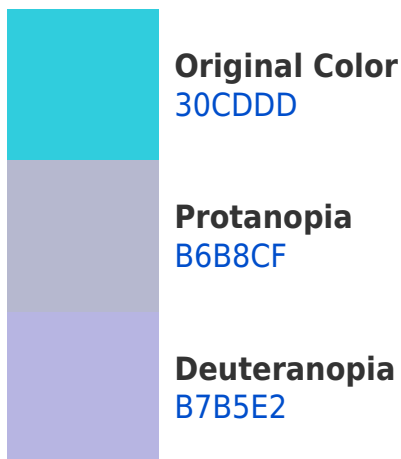


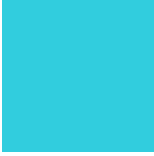
This preview shows how white text looks on a background with the Hex color 30CDDD.

Color Blindness Simulation

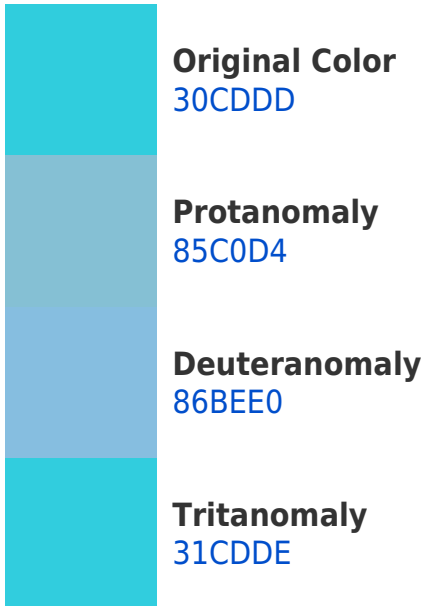
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #30CDDD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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