

Converting Colors

Hex(30DAF0)

Have a look what the booklet for
Hex(30DAF0) contains.

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Color

Hex(30DAF0)

Conversions

Conversions Part 1

Format	Color
Hex	30DAF0
RGB	48, 218, 240
RGB Percent	19%, 85%, 94%
CMY	0.8118, 0.1451, 0.0588
CMYK	0.80, 0.09, 0.00, 0.06
HSL	187°, 86%, 56%
HSV	187°, 80%, 94%
XYZ	42.0185, 57.0625, 91.2376
YIQ	169.6780, -108.3820, -29.1980

Conversions

Conversions Part 2

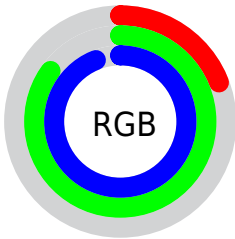
Format	Color
R _{YB}	48, 138, 240
Decimal	3201776
CIE Lab	80.21, -33.82, -22.67
CIE LCh	80, 40.717, 213.826
Yxy	57.0625, 0.2208, 0.2998
Android (android.graphics.Color)	4281391856 (0xFF30DAF0)
YUV	169.6780, 34.6687, -106.7116
Hunter-Lab	75.5397, -32.9049, -18.7333

Details

The Hex color **30DAF0** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **F04630**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **7FFFFFFF**, and **00A3B8** is the 20% darker color. If you saturate the color by 10%, you get **18D7F0**, and if you desaturate by 10%, it is **48DDF0**.

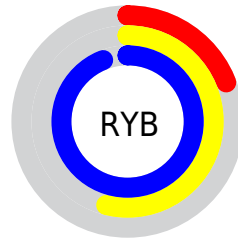
Distribution



Red (19%)

Green (85%)

Blue (94%)



Red (19%)

Yellow (54%)

Blue (94%)

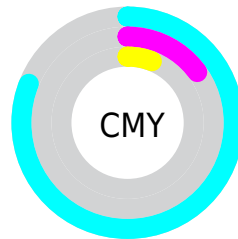


Cyan (80%)

Magenta (9%)

Yellow (0%)

Black (6%)



Cyan (81%)

Magenta (15%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30DAF0 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 30DAF0 by changing the saturation by 10% instead.

 30DAF0

 30DAF0

FFFFFF

 00BED4

 7FFFFFFF

 00A3B8

 A0FFFF

 00889D

 C0FFFF

 006E83

 DFFFFFFF

 00556A

 003D51

 00283A

 000425

 00010E

 30DAF0

 30DAF0

 18D7F0

 48DDF0

 00D5F0

 60E0F0

 78E2F0

 90E5F0

 A8E8F0

 C0EBF0

 D8EDF0

 F0F0F0

 FFF3F0

Harmonies

Analogous

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



54DFCB



30DAF0



59D4FF

Triad

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



30DAF0



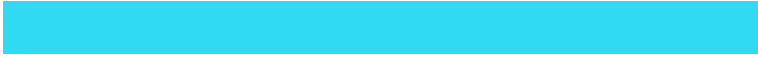
FBAFE9



DCC67A

Complementary

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



30DAF0



F04630

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.



FCB984



30DAF0



FFAAC3

Square

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



30DAF0



D2BBFF



FFAE9F



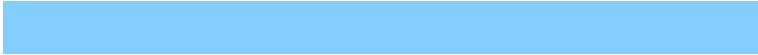
B3D187

Rectangle

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



30DAF0



84CFFF



FFAE9F



E7C27B

Sweetspot

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



30DAF0



C2F8FF



30F043



5B7B80



000000



808080

Same Dimension

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



30DAF0



0AE3FF



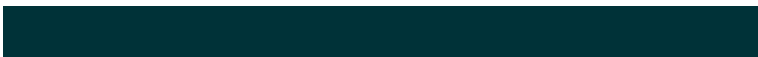
307DF0



6C7678



00A3B8



003238

Inverse Universe

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



F030DA



FF0AE3



F0A330



786C76



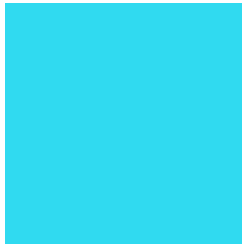
B800A3



380032

Previews

White Background



This preview shows how the Hex color 30DAF0 looks on a white background.

Color Contrast Check

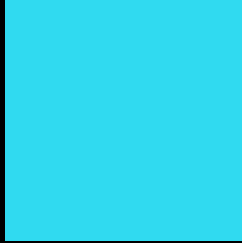
Large Text (above 18pt) WCAG AA × Fail

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 30DAF0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

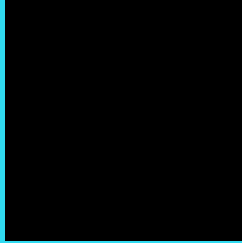
Any Text WCAG AA ✓ Pass

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 30DAF0 Background



This preview shows how black text looks on a background with the Hex color 30DAF0.

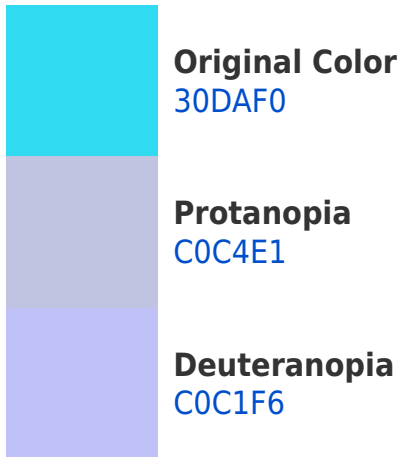


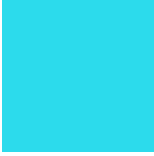
This preview shows how white text looks on a background with the Hex color 30DAF0.

Color Blindness Simulation

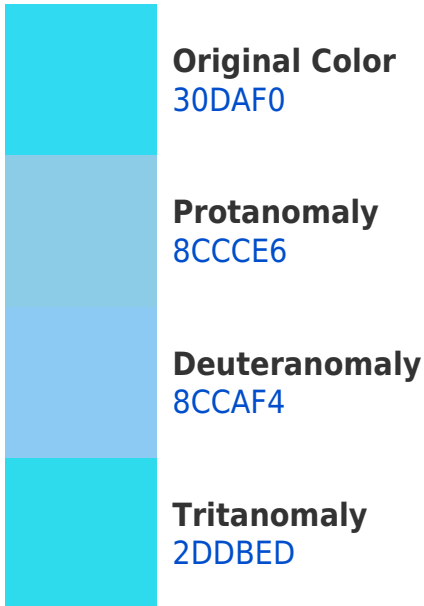
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

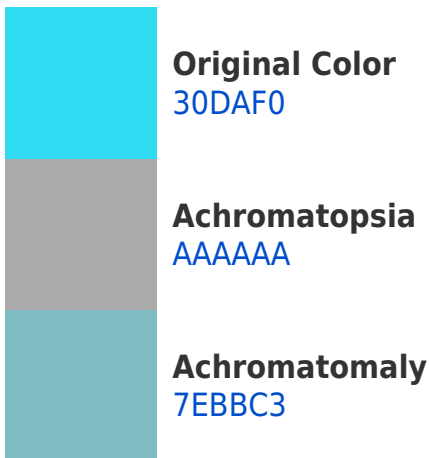




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 30DAF0 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 #30DAF0 looks like.

```
.text, #text, p{  
    color:#30DAF0  
}
```

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 #30DAF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30DAF0
}
```

Border

The CSS property to change the border of an element to Hex 30DAF0 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
#30DAF0 }
```

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

```
.border{ border-color:#30DAF0 }
```

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

Here you see how a box with a 4 pixel #30DAF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30DAF0; -webkit-box-shadow:4px 4px  
4px 4px #30DAF0; box-shadow:4px 4px 4px  
4px #30DAF0 }
```

Background

The CSS property to change the background color of an element to Hex 30DAF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30DAF0 }
```

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

```
.background{ background-color:#30DAF0 }
```

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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