

# Converting Colors

Hex(30C2F0)

Have a look what the booklet for  
Hex(30C2F0) contains.

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# **Color**

**Hex(30C2F0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	30C2F0
RGB	48, 194, 240
RGB Percent	19%, 76%, 94%
CMY	0.8118, 0.2392, 0.0588
CMYK	0.80, 0.19, 0.00, 0.06
HSL	194°, 86%, 56%
HSV	194°, 80%, 94%
XYZ	36.2389, 45.5032, 89.3111
YIQ	155.5900, -101.7820, -16.6460

# Conversions

## Conversions Part 2

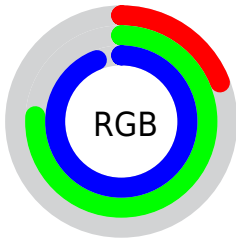
<b>Format</b>	<b>Color</b>
<b>RYB</b>	48, 131, 240
Decimal	3195632
CIELab	73.22, -22.02, -33.39
CIELCh	73, 39.991, 236.598
Yxy	45.5032, 0.2119, 0.2660
Android (android.graphics.Color)	4281385712 (0xFF30C2F0)
YUV	155.5900, 41.6141, -94.3564
Hunter-Lab	67.4561, -22.1540, -31.2800

# Details

The Hex color **30C2F0** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **F05E30**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **7DFBFF**, and **008CB8** is the 20% darker color. If you saturate the color by 10%, you get **18BCF0**, and if you desaturate by 10%, it is **48C8F0**.

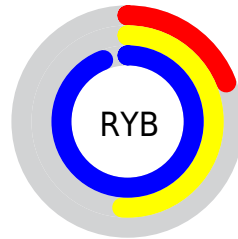
# Distribution



Red (19%)

Green (76%)

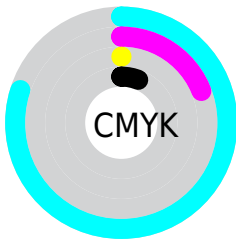
Blue (94%)



Red (19%)

Yellow (51%)

Blue (94%)

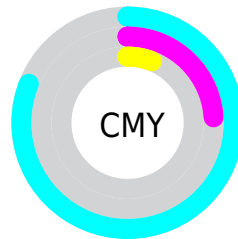


Cyan (80%)

Magenta (19%)

Yellow (0%)

Black (6%)



Cyan (81%)

Magenta (24%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 30C2F0 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 30C2F0 by changing the saturation by 10% instead.



 30C2F0

 30C2F0

FFFFFF

 00A7D4

 7DFBFF

 008CB8

 9DFFFF

 00739D

 BDFFFF

 005A83

 DCFFFF

 004269

 FBFFFF

 002C51

 00173A

 000224

 00000B

 30C2F0

 30C2F0

 18BCF0

 48C8F0

 00B6F0

 60CDF0

 78D3F0

 90D9F0

 A8DFF0

 C0E4F0

 D8EAF0

 F0F0F0

 FFF6F0

# Harmonies

## Analogous

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



09C7D3



30C2F0



76B9FC

# Triad

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



30C2F0



F797B9



AABB71

# Complementary

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



30C2F0



F05E30

# 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.



D0B06A



30C2F0



FA9995

# Square

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



30C2F0



DE9FDD



ECA378



7FC38A

# Rectangle

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



30C2F0



A0B0FA



ECA378



B7B86C

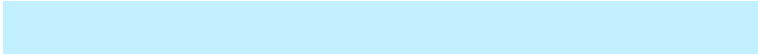


# Sweetspot

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



30C2F0



C2F0FF



30F05D



5B7780



000000



808080



# Same Dimension

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



30C2F0



0AC4FF



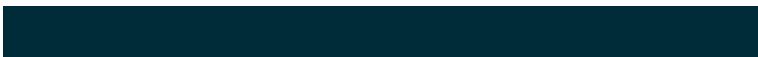
3063F0



6C7578



008CB8



002B38



# Inverse Universe

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



F030C2



FF0AC4



F0BD30



786C75



B8008C

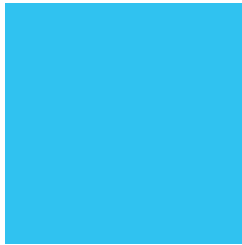


38002B



# Previews

## White Background



This preview shows how the Hex color 30C2F0 looks on a white background.

## Color Contrast Check

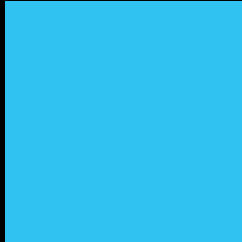
Large Text (above 18pt) WCAG AA × Fail

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 30C2F0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

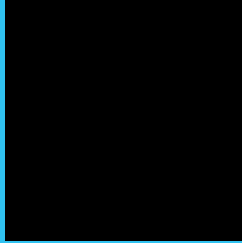
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 30C2F0 Background



This preview shows how black text looks on a background with the Hex color 30C2F0.

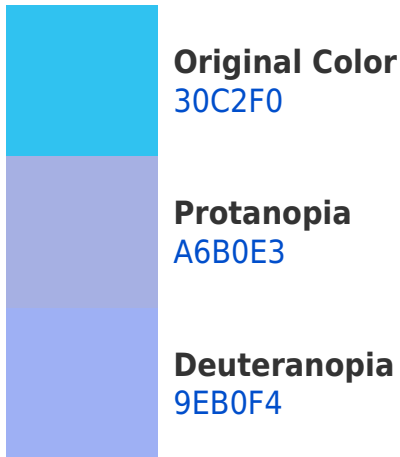


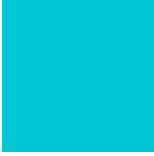
This preview shows how white text looks on a background with the Hex color 30C2F0.

# 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](#).

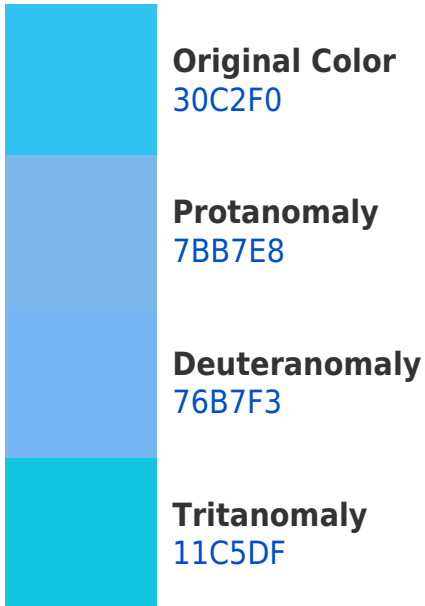
## Dichromacy



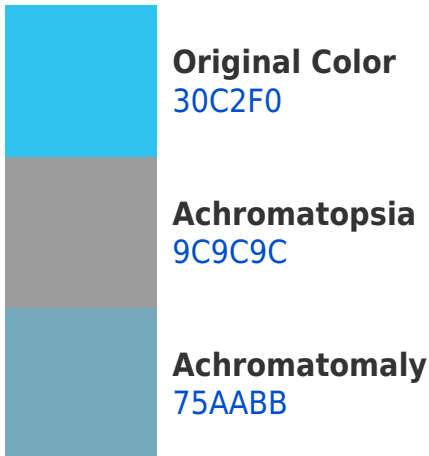


**Tritanopia**  
00C6D6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 30C2F0 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 #30C2F0 looks like.

```
.text, #text, p{  
    color:#30C2F0  
}
```

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 #30C2F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30C2F0
}
```

## Border

The CSS property to change the border of an element to Hex 30C2F0 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
#30C2F0 }
```

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

```
.border{ border-color:#30C2F0 }
```

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

Here you see how a box with a 4 pixel #30C2F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30C2F0; -webkit-box-shadow:4px 4px  
4px 4px #30C2F0; box-shadow:4px 4px 4px  
4px #30C2F0 }
```

# Background

The CSS property to change the background color of an element to Hex 30C2F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30C2F0 }
```

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

```
.background{ background-color:#30C2F0 }
```

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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