

Converting Colors

Hex(30CEF2)

Have a look what the booklet for
Hex(30CEF2) contains.

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Color

Hex(30CEF2)

Conversions

Conversions Part 1

Format	Color
Hex	30CEF2
RGB	48, 206, 242
RGB Percent	19%, 81%, 95%
CMY	0.8118, 0.1922, 0.0510
CMYK	0.80, 0.15, 0.00, 0.05
HSL	191°, 88%, 57%
HSV	191°, 80%, 95%
XYZ	39.3172, 51.1818, 91.8112
YIQ	162.8620, -105.7240, -22.3000

Conversions

Conversions Part 2

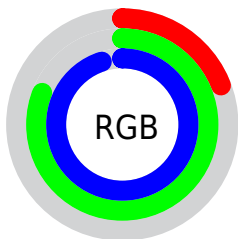
Format	Color
R _Y B	48, 135, 242
Decimal	3198706
CIE Lab	76.79, -27.40, -28.97
CIE LCh	77, 39.874, 226.590
Yxy	51.1818, 0.2157, 0.2807
Android (android.graphics.Color)	4281388786 (0xFF30CEF2)
YUV	162.8620, 39.0150, -100.7340
Hunter-Lab	71.5415, -27.0988, -26.0096

Details

The Hex color **30CEF2** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **F25430**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **7EFFFF**, and **0097BA** is the 20% darker color. If you saturate the color by 10%, you get **18CAF2**, and if you desaturate by 10%, it is **48D2F2**.

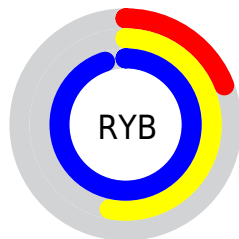
Distribution



Red (19%)

Green (81%)

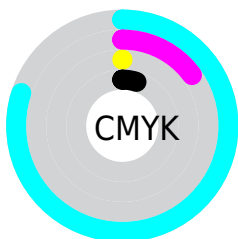
Blue (95%)



Red (19%)

Yellow (53%)

Blue (95%)

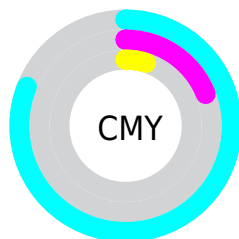


Cyan (80%)

Magenta (15%)

Yellow (0%)

Black (5%)



Cyan (81%)

Magenta (19%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30CEF2 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 30CEF2 by changing the saturation by 10% instead.

 30CEF2

 30CEF2

FFFFFF

 00B2D6

 7EFFFF

 0097BA

 9FFFFFF

 007D9F

 BEFFFF

 006485

 DEFFFF

 004C6B

FEFFFF

 003553

 00213B

 000226

 00010E

■ 30CEF2

■ 30CEF2

■ 18CAF2

■ 48D2F2

■ 00C5F2

■ 60D7F2

■ 79DBF2

■ 91E0F2

■ A9E4F2

■ C1E9F2

■ D9EDF2

■ F2F2F2

■ FFF6F2

Harmonies

Analogous

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



37D1D1



30CEF2



6CC6FF

Triad

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



30CEF2



FBA3D0



C1C276

Complementary

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



30CEF2



F25430

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.



E5B676



30CEF2



FFA1AA

Square

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



30CEF2



DBADF1



FDA98A



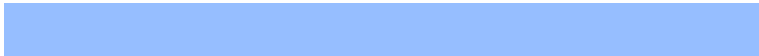
98CB8A

Rectangle

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



30CEF2



96BEFF



FDA98A



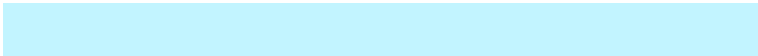
CEBE73

Sweetspot

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



30CEF2



C2F4FF



30F254



5B7980



000000



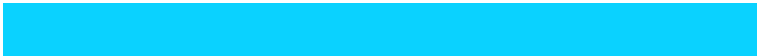
808080

Same Dimension

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



30CEF2



0AD2FF



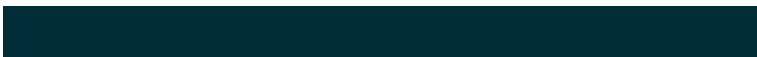
306DF2



6C7678



0096B8



002E38

Inverse Universe

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



F230CE



FF0AD2



F2B530



786C76



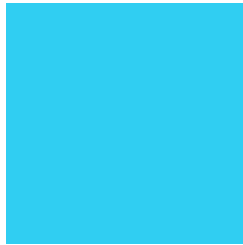
B80096



38002E

Previews

White Background



This preview shows how the Hex color 30CEF2 looks on a white background.

Color Contrast Check

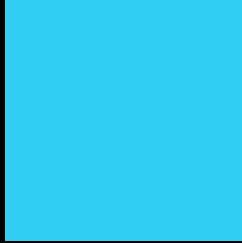
Large Text (above 18pt) WCAG AA × Fail

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 30CEF2 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 30CEF2 Background



This preview shows how black text looks on a background with the Hex color 30CEF2.

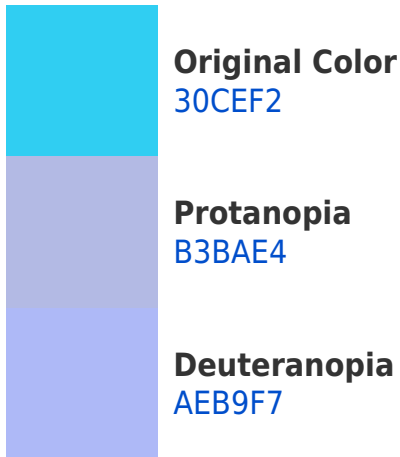


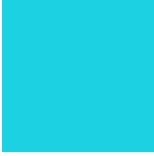
This preview shows how white text looks on a background with the Hex color 30CEF2.

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
1BD1E2

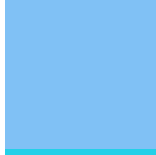
Trichromacy



Original Color
30CEF2



Protanomaly
83C1E9



Deuteranomaly
80C1F5



Tritanomaly
23D0E8

Monochromacy



Original Color
30CEF2



Achromatopsia
A3A3A3



Achromatomaly
79B3C0

CSS Examples

Text

The CSS property to change the color of the text to Hex 30CEF2 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 #30CEF2 looks like.

```
.text, #text, p{  
    color:#30CEF2  
}
```

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 #30CEF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30CEF2
}
```

Border

The CSS property to change the border of an element to Hex 30CEF2 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
#30CEF2 }
```

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

```
.border{ border-color:#30CEF2 }
```

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

Here you see how a box with a 4 pixel #30CEF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30CEF2; -webkit-box-shadow:4px 4px  
4px 4px #30CEF2; box-shadow:4px 4px 4px  
4px #30CEF2 }
```

Background

The CSS property to change the background color of an element to Hex 30CEF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30CEF2 }
```

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

```
.background{ background-color:#30CEF2 }
```

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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