

Converting Colors

Hex(30B6F0)

Have a look what the booklet for
Hex(30B6F0) contains.

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Color

Hex(30B6F0)

Conversions

Conversions Part 1

Format	Color
Hex	30B6F0
RGB	48, 182, 240
RGB Percent	19%, 71%, 94%
CMY	0.8118, 0.2863, 0.0588
CMYK	0.80, 0.24, 0.00, 0.06
HSL	198°, 86%, 56%
HSV	198°, 80%, 94%
XYZ	33.6750, 40.3755, 88.4565
YIQ	148.5460, -98.4820, -10.3700

Conversions

Conversions Part 2

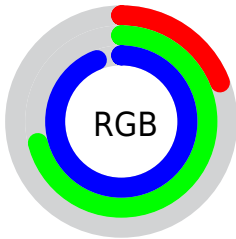
Format	Color
R _Y B	48, 127, 240
Decimal	3192560
CIE Lab	69.74, -15.75, -38.80
CIE LCh	70, 41.872, 247.904
Yxy	40.3755, 0.2072, 0.2485
Android (android.graphics.Color)	4281382640 (0xFF30B6F0)
YUV	148.5460, 45.0868, -88.1788
Hunter-Lab	63.5418, -16.5989, -38.0584

Details

The Hex color **30B6F0** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **F06A30**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **7CEEFF**, and **0081B8** is the 20% darker color. If you saturate the color by 10%, you get **18AFF0**, and if you desaturate by 10%, it is **48BDF0**.

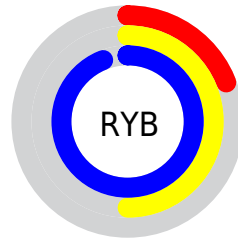
Distribution



Red (19%)

Green (71%)

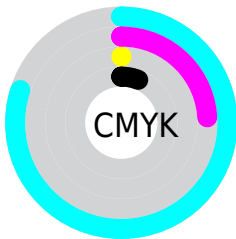
Blue (94%)



Red (19%)

Yellow (50%)

Blue (94%)

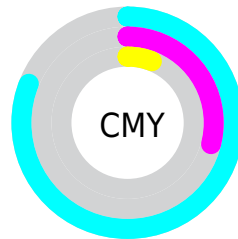


Cyan (80%)

Magenta (24%)

Yellow (0%)

Black (6%)



Cyan (81%)

Magenta (29%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30B6F0 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 30B6F0 by changing the saturation by 10% instead.

 30B6F0

 30B6F0

FFFFFF

 009BD4

 7CEEFF

 0081B8

 9CFFFF

 00689D

 BBFFFF

 005082


 DBFFFF

 003969

 FAFFFF

 002450

 000539

 000223

 000009

 30B6F0

 30B6F0

 18AFF0

 48BDF0

 00A8F0

 60C5F0

 78CCF0

 90D3F0

 A8DAF0

 C0E2F0

 D8E9F0

 F0F0F0

 FFF7F0

Harmonies

Analogous

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



00BDD8



30B6F0



82ABF5

Triad

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



30B6F0



F38CA2



90B66D

Complementary

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



30B6F0



F06A30

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.



B9AB5E



30B6F0



EF927E

Square

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



30B6F0



E290C8



DA9E64



5FBC8D

Rectangle

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



30B6F0



AAA2ED



DA9E64



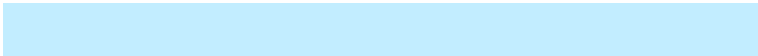
9EB366

Sweetspot

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



30B6F0



C2EDFF



30F06A



5B7480



000000



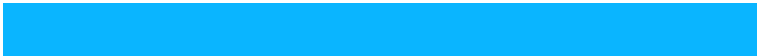
808080

Same Dimension

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



30B6F0



0AB5FF



3056F0



6C7478



0080B8



002738

Inverse Universe

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



F030B6



FF0AB5



F0CA30



786C74



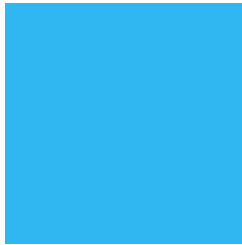
B80080



380027

Previews

White Background



This preview shows how the Hex color 30B6F0 looks on a white background.

Color Contrast Check

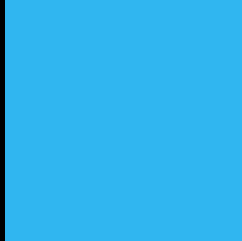
Large Text (above 18pt) WCAG AA × Fail

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 30B6F0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

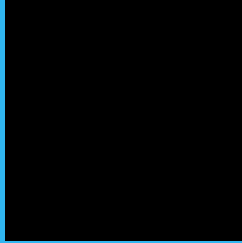
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

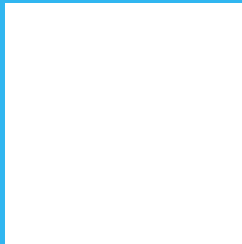
Any Text WCAG AAA ✓ Pass

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

Hex 30B6F0 Background



This preview shows how black text looks on a background with the Hex color 30B6F0.

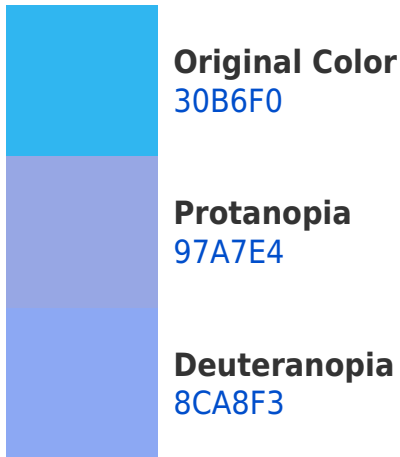


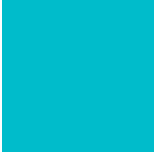
This preview shows how white text looks on a background with the Hex color 30B6F0.

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](#).

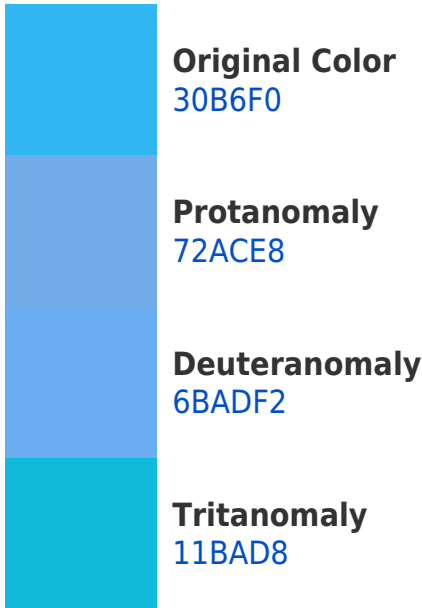
Dichromacy





Tritanopia
00BCCB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 30B6F0 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 #30B6F0 looks like.

```
.text, #text, p{  
    color:#30B6F0  
}
```

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 #30B6F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30B6F0
}
```

Border

The CSS property to change the border of an element to Hex 30B6F0 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
#30B6F0 }
```

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

```
.border{ border-color:#30B6F0 }
```

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

Here you see how a box with a 4 pixel #30B6F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30B6F0; -webkit-box-shadow:4px 4px  
4px 4px #30B6F0; box-shadow:4px 4px 4px  
4px #30B6F0 }
```

Background

The CSS property to change the background color of an element to Hex 30B6F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30B6F0 }
```

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

```
.background{ background-color:#30B6F0 }
```

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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