

# Converting Colors

Hex(30CBF5)

Have a look what the booklet for  
Hex(30CBF5) contains.

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# **Color**

**Hex(30CBF5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	30CBF5
RGB	48, 203, 245
RGB Percent	19%, 80%, 96%
CMY	0.8118, 0.2039, 0.0392
CMYK	0.80, 0.17, 0.00, 0.04
HSL	193°, 91%, 57%
HSV	193°, 80%, 96%
XYZ	39.0563, 49.9328, 93.9657
YIQ	161.4430, -105.8620, -19.7980

# Conversions

## Conversions Part 2

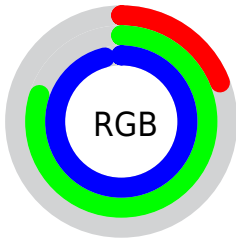
Format	Color
R <sub>YB</sub>	48, 135, 245
Decimal	3197941
CIE Lab	76.03, -24.95, -31.75
CIE LCh	76, 40.376, 231.837
Yxy	49.9328, 0.2135, 0.2729
Android (android.graphics.Color)	4281388021 (0xFF30CBF5)
YUV	161.4430, 41.1936, -99.4895
Hunter-Lab	70.6632, -25.0017, -29.3778

# Details

The Hex color **30CBF5** 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 **F55A30**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **7EFFFF**, and **0095BD** is the 20% darker color. If you saturate the color by 10%, you get **18C6F5**, and if you desaturate by 10%, it is **49D0F5**.

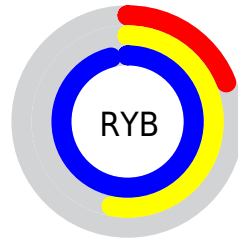
# Distribution



Red (19%)

Green (80%)

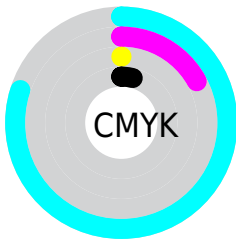
Blue (96%)



Red (19%)

Yellow (53%)

Blue (96%)

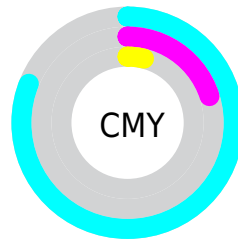


Cyan (80%)

Magenta (17%)

Yellow (0%)

Black (4%)



Cyan (81%)

Magenta (20%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 30CBF5 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 30CBF5 by changing the saturation by 10% instead.



 30CBF5

 30CBF5

FFFFFF

 00AFD8


 7EFFFF

 0095BD

 9FFFFFF

 007BA1

 BFFFFFF

 006287

 DEFFFF

 00496E

FEFFFF

 003355

 00203E

 000328

 000111

 30CBF5

 30CBF5

 18C6F5

 49D0F5

 00C1F5

 61D5F5

 7ADB F5

 92E0 F5

 ABE5 F5

 C3EA F5

 DCF0 F5

 F4F5 F5

 FFFA F5

# Harmonies

## Analogous

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



25CFD6



30CBF5



73C2FF

# Triad

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



30CBF5



FD9FC7



B8C275

# Complementary

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



30CBF5



F55A30

# 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.



DDB671



30CBF5



FFA0A2

# Square

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



30CBF5



E1A8EA



F8A982



8DCA8C

# Rectangle

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



30CBF5



9EBAFF



F8A982



C5BE71

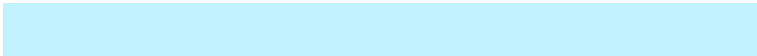


# Sweetspot

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



30CBF5



C2F2FF



30F557



5B7880



000000



808080

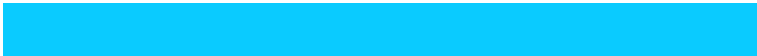


# Same Dimension

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



30CBF5



0ACBFF



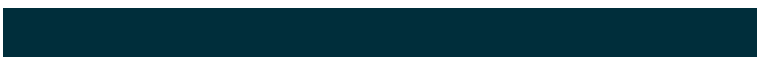
306BF5



6E787A



0092BA



002E3B



# Inverse Universe

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



F530CB



FF0ACB



F5BA30



7A6E78



BA0092

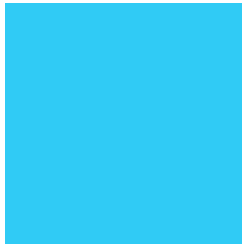


3B002E



# Previews

## White Background



This preview shows how the Hex color 30CBF5 looks on a white background.

## Color Contrast Check

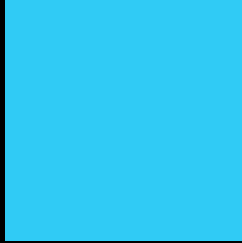
Large Text (above 18pt) WCAG AA × Fail

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 30CBF5 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 30CBF5 Background



This preview shows how black text looks on a background with the Hex color 30CBF5.

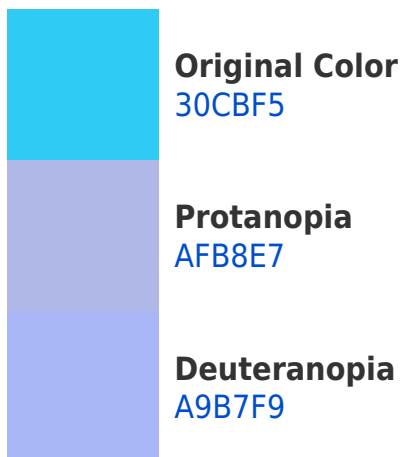


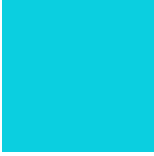
This preview shows how white text looks on a background with the Hex color 30CBF5.

# Color Blindness Simulation

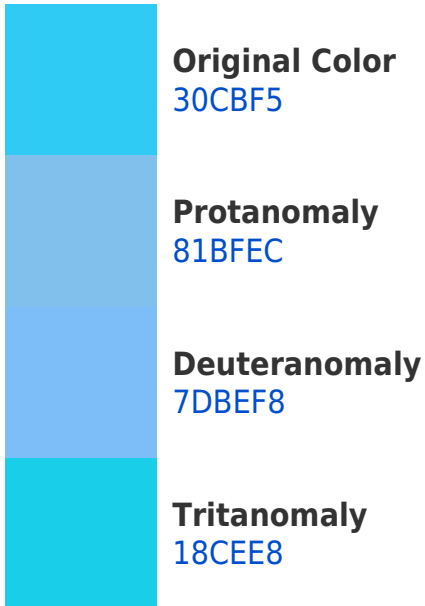
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

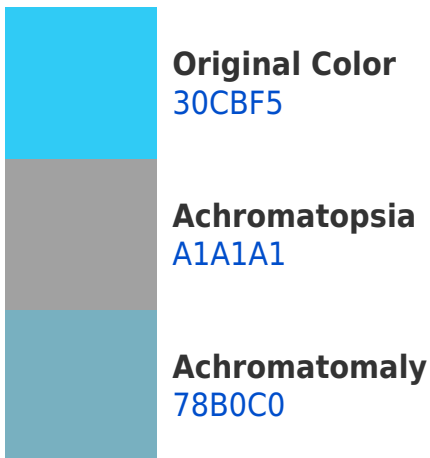




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 30CBF5 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 #30CBF5 looks like.

```
.text, #text, p{  
    color:#30CBF5  
}
```

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 #30CBF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30CBF5
}
```

## Border

The CSS property to change the border of an element to Hex 30CBF5 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
#30CBF5 }
```

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

```
.border{ border-color:#30CBF5 }
```

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

Here you see how a box with a 4 pixel #30CBF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30CBF5; -webkit-box-shadow:4px 4px  
4px 4px #30CBF5; box-shadow:4px 4px 4px  
4px #30CBF5 }
```

# Background

The CSS property to change the background color of an element to Hex 30CBF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30CBF5 }
```

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

```
.background{ background-color:#30CBF5 }
```

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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