

# Converting Colors

Hex(07CEFB)

Have a look what the booklet for  
Hex(07CEFB) contains.

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# Color

Hex(07CEFB)

# Conversions

## Conversions Part 1

Format	Color
Hex	07CEFB
RGB	7, 206, 251
RGB Percent	3%, 81%, 98%
CMY	0.9725, 0.1922, 0.0157
CMYK	0.97, 0.18, 0.00, 0.02
HSL	191°, 97%, 51%
HSV	191°, 97%, 98%
XYZ	39.5715, 51.1528, 99.0546
YIQ	151.6290, -133.0490, -28.1930

# Conversions

## Conversions Part 2

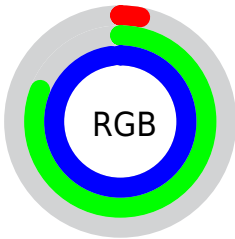
Format	Color
R <sub>YB</sub>	7, 117, 251
Decimal	511739
CIE <sub>Lab</sub>	76.77, -26.53, -33.84
CIE <sub>LCh</sub>	77, 42.998, 231.910
Y <sub>xy</sub>	51.1528, 0.2085, 0.2695
Android (android.graphics.Color)	4278701819 (0xFF07CEFB)
YUV	151.6290, 48.9899, -126.8396
Hunter-Lab	71.5212, -26.4010, -32.0500

# Details

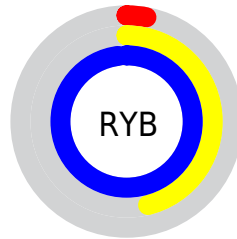
The Hex color **07CEFB** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **FB3407**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **73FFFF**, and **0097C2** is the 20% darker color. If you saturate the color by 10%, you get **00CDFB**, and if you desaturate by 10%, it is **20D3FB**.

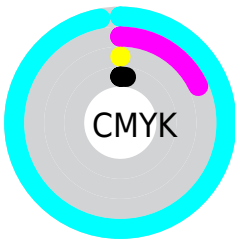
# Distribution



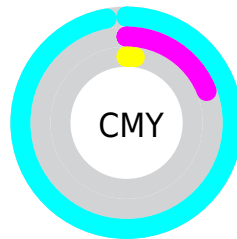
- Red (3%)
- Green (81%)
- Blue (98%)



- Red (3%)
- Yellow (46%)
- Blue (98%)



- Cyan (97%)
- Magenta (18%)
- Yellow (0%)
- Black (2%)



- Cyan (97%)
- Magenta (19%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 07CEFB 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 07CEFB by changing the saturation by 10% instead.



 07CEFB

FFFFFF

 73FFFF

 96FFFF

 B6FFFF

 D6FFFF

 F6FFFF

 07CEFB

 00B2DE

 0097C2

 007DA7

 00648C

 004C73

 00355A

 002242

 00032C

 000116

 07CEFB

 07CEFB

 00CDFB

 20D3FB

 39D7FB

 52DCFB

 6BE1FB

 84E5FB

 9EEAFB

 B7EEFB

 D0F3FB

 E9F8FB

# Harmonies

## Analogous

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



00D2DA



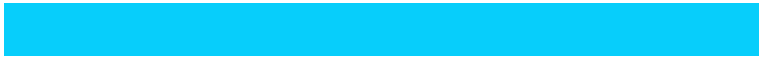
07CEFB



6EC5FF

# Triad

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



07CEFB



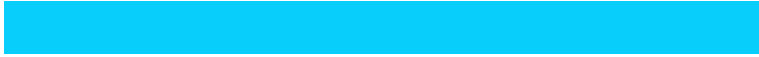
FF9FCA



BAC472

# Complementary

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



07CEFB



FB3407

# 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.



E1B76E



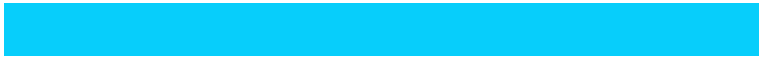
07CEFB



FFA0A2

# Square

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



07CEFB



E5A9EF



FEAA80



8CCD8B

# Rectangle

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



07CEFB



9DBCFF



FEAA80

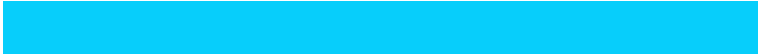


C8C06E

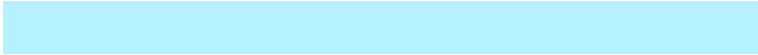


# Sweetspot

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



07CEFB



B5F1FF



07FB34



537780



000000

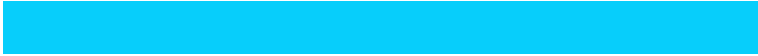


808080

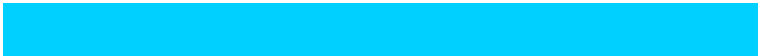


# Same Dimension

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



07CEFB



00D0FF



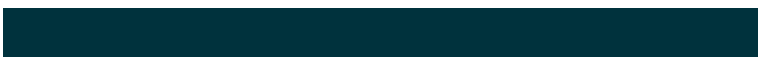
0754FB



707B7D



009ABD



00323D



# Inverse Universe

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



FB07CE



FF00D0



FBAE07



7D707B



BD009A

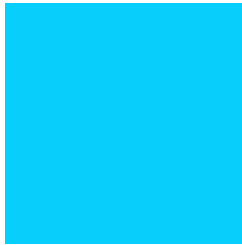


3D0032



# Previews

## White Background



This preview shows how the Hex color 07CEFB looks on a white background.

## Color Contrast Check

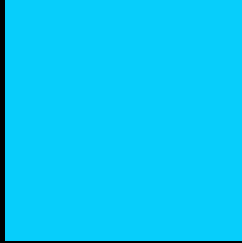
Large Text (above 18pt) WCAG AA × Fail

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 07CEFB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

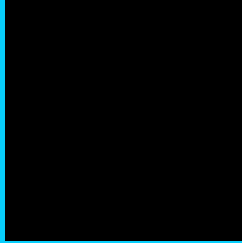
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 07CEFB Background



This preview shows how black text looks on a background with the Hex color 07CEFB.



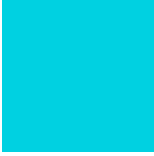
This preview shows how white text looks on a background with the Hex color 07CEFB.

# 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**  
00D1E1

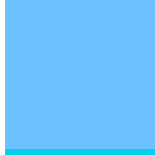
# Trichromacy



**Original Color**  
07CEFB



**Protanomaly**  
73C1F1



**Deuteranomaly**  
6DC1FE



**Tritanomaly**  
03D0EA

# Monochromacy



**Original Color**  
07CEFB



**Achromatopsia**  
989898



**Achromatomaly**  
63ACBC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 07CEFB 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 #07CEFB looks like.

```
.text, #text, p{  
    color:#07CEFB  
}
```

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 #07CEFB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07CEFB
}
```

## Border

The CSS property to change the border of an element to Hex 07CEFB 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
#07CEFB }
```

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

```
.border{ border-color:#07CEFB }
```

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

Here you see how a box with a 4 pixel #07CEFB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07CEFB; -webkit-box-shadow:4px 4px  
4px 4px #07CEFB; box-shadow:4px 4px 4px  
4px #07CEFB }
```

# Background

The CSS property to change the background color of an element to Hex 07CEFB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07CEFB }
```

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

```
.background{ background-color:#07CEFB }
```

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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