

Converting Colors

Hex(07CEFA)

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

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Color

Hex(07CEFA)

Conversions

Conversions Part 1

Format	Color
Hex	07CEFA
RGB	7, 206, 250
RGB Percent	3%, 81%, 98%
CMY	0.9725, 0.1922, 0.0196
CMYK	0.97, 0.18, 0.00, 0.02
HSL	191°, 96%, 50%
HSV	191°, 97%, 98%
XYZ	39.4142, 51.0899, 98.2265
YIQ	151.5150, -132.7280, -28.5040

Conversions

Conversions Part 2

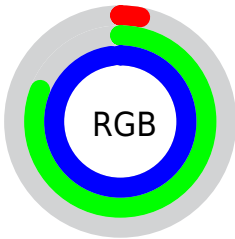
Format	Color
RYB	7, 116, 250
Decimal	511738
CIELab	76.73, -26.86, -33.36
CIELCh	77, 42.831, 231.168
Yxy	51.0899, 0.2088, 0.2707
Android (android.graphics.Color)	4278701818 (0xFF07CEFA)
YUV	151.5150, 48.5531, -126.7397
Hunter-Lab	71.4772, -26.6559, -31.4443

Details

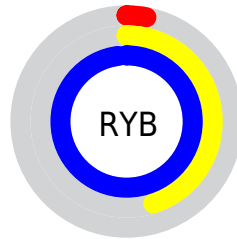
The Hex color **07CEFA** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **FA3307**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **73FFFF**, and **0097C1** is the 20% darker color. If you saturate the color by 10%, you get **00CDFA**, and if you desaturate by 10%, it is **20D3FA**.

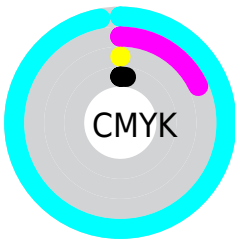
Distribution



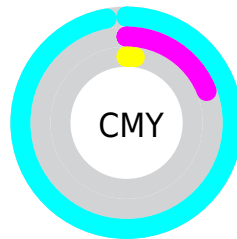
- Red (3%)
- Green (81%)
- Blue (98%)



- Red (3%)
- Yellow (45%)
- 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 07CEFA 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 07CEFA by changing the saturation by 10% instead.

 07CEFA

 07CEFA

FFFFFF

 00B2DD

 73FFFF

 0097C1

 95FFFF

 007DA6

 B6FFFF

 00648C

 D6FFFF

 004C72

 F6FFFF

 003559

 002241

 00032B

 000115

 07CEFA

 07CEFA

 00CDFA

 20D3FA

 39D7FA

 52DCFA

 6BE0FA

 84E5FA

 9DE9FA

 B6EEFA

 CFF2FA

 E8F7FA

Harmonies

Analogous

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



00D2D9



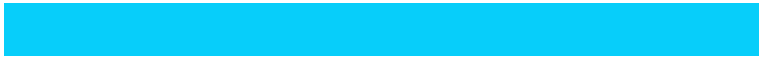
07CEFA



6CC5FF

Triad

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



07CEFA



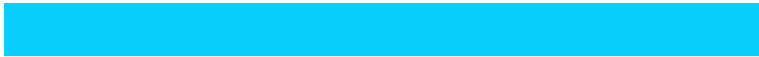
FF9FCB



BBC472

Complementary

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



07CEFA



FA3307

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.



E2B76F



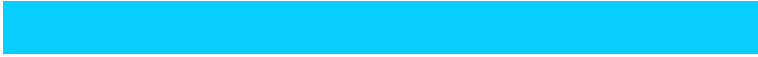
07CEFA



FFA0A3

Square

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



07CEFA



E4A9EF



FEA981



8DCD8A

Rectangle

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



07CEFA



9BBCFF



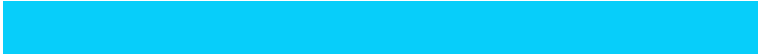
FEA981



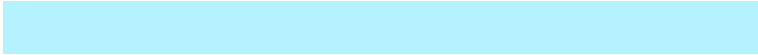
C9C06E

Sweetspot

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



07CEFA



B5F2FF



07FA2F



537780



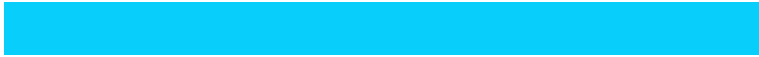
000000



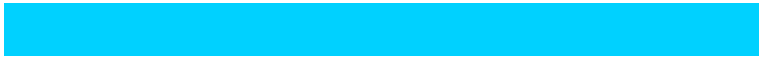
808080

Same Dimension

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



07CEFA



00D1FF



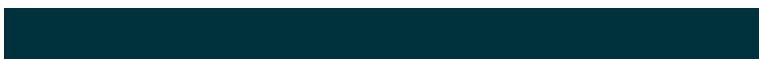
0758FA



707B7D



009BBD



00323D

Inverse Universe

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



FA07CE



FF00D1



FAA907



7D707B



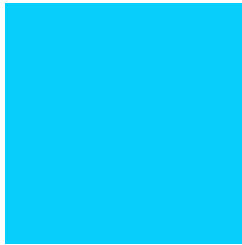
BD009B



3D0032

Previews

White Background



This preview shows how the Hex color 07CEFA 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 07CEFA 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 07CEFA Background



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

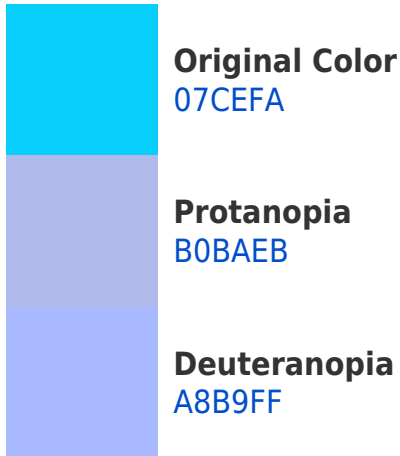


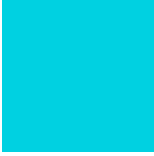
This preview shows how white text looks on a background with the Hex color 07CEFA.

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

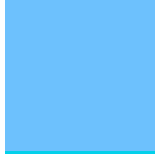
Trichromacy



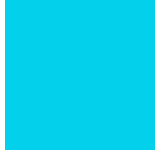
Original Color
07CEFA



Protanomaly
73C1F0



Deuteranomaly
6DC1FD

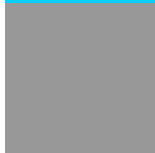


Tritanomaly
03D0EA

Monochromacy



Original Color
07CEFA



Achromatopsia
989898



Achromatomaly
63ACBC

CSS Examples

Text

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

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

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 #07CEFA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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