

Converting Colors

Hex(05D0F7)

Have a look what the booklet for
Hex(05D0F7) contains.

Hex(05D0F7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(05D0F7)

Conversions

Conversions Part 1

Format	Color
Hex	05D0F7
RGB	5, 208, 247
RGB Percent	2%, 82%, 97%
CMY	0.9804, 0.1843, 0.0314
CMYK	0.98, 0.16, 0.00, 0.03
HSL	190°, 96%, 49%
HSV	190°, 98%, 97%
XYZ	39.4070, 51.8594, 95.9286
YIQ	151.7490, -133.5070, -30.9070

Conversions

Conversions Part 2

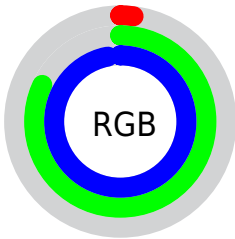
Format	Color
R _{YB}	5, 115, 247
Decimal	381175
CIE Lab	77.20, -28.88, -31.05
CIE LCh	77, 42.400, 227.075
Yxy	51.8594, 0.2105, 0.2770
Android (android.graphics.Color)	4278571255 (0xFF05D0F7)
YUV	151.7490, 46.9587, -128.6989
Hunter-Lab	72.0135, -28.3455, -28.5703

Details

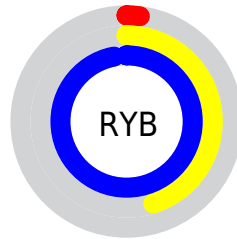
The Hex color **05D0F7** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **F72C05**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **72FFFF**, and **0099BF** is the 20% darker color. If you saturate the color by 10%, you get **00CFF7**, and if you desaturate by 10%, it is **1ED4F7**.

Distribution



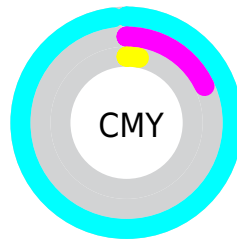
- Red (2%)
- Green (82%)
- Blue (97%)



- Red (2%)
- Yellow (45%)
- Blue (97%)



- Cyan (98%)
- Magenta (16%)
- Yellow (0%)
- Black (3%)



- Cyan (98%)
- Magenta (18%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 05D0F7 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 05D0F7 by changing the saturation by 10% instead.

 05D0F7

 05D0F7

FFFFFF

 00B4DA

 72FFFF

 0099BF

 95FFFF

 007FA3

 B5FFFF

 006689

 D6FFFF

 004D6F

 F6FFFF

 003657

 00233F

 000329

 000113

 05D0F7

 05D0F7

 00CFF7

 1ED4F7

 36D8F7

 4FD0F7

 68E0F7

 81E4F7

 99E8F7

 B2ECF7

 CBF0F7

 E3F4F7

Harmonies

Analogous

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



1CD4D4



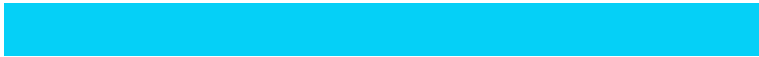
05D0F7



65C8FF

Triad

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



05D0F7



FFA2D1



C2C372

Complementary

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



05D0F7



F72C05

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.



E7B672



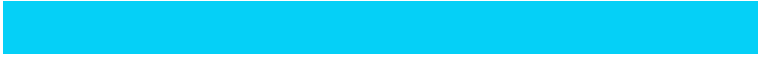
05D0F7



FFA1AA

Square

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



05D0F7



DFACF4



FFA987



95CD88

Rectangle

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



05D0F7



94BFFF



FFA987



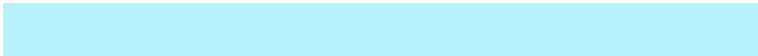
CFBF70

Sweetspot

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



05D0F7



B5F3FF



05F729



537880



000000



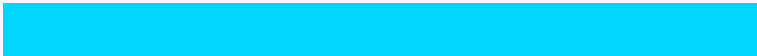
808080

Same Dimension

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



05D0F7



00D6FF



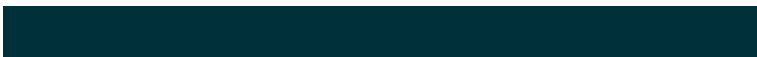
055AF7



6E787A



009CBA



00313B

Inverse Universe

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



F705D0



FF00D6



F7A205



7A6E78



BA009C



3B0031

Previews

White Background



This preview shows how the Hex color 05D0F7 looks on a white background.

Color Contrast Check

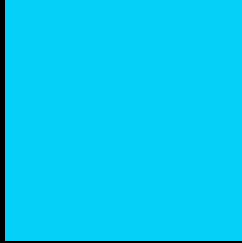
Large Text (above 18pt) WCAG AA × Fail

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 05D0F7 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 05D0F7 Background



This preview shows how black text looks on a background with the Hex color 05D0F7.



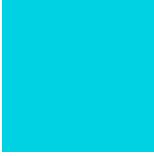
This preview shows how white text looks on a background with the Hex color 05D0F7.

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
00D2E3

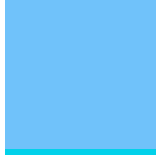
Trichromacy



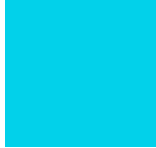
Original Color
05D0F7



Protanomaly
74C3ED



Deuteranomaly
70C2FA

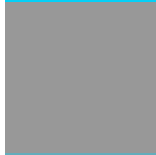


Tritanomaly
02D1EA

Monochromacy



Original Color
05D0F7



Achromatopsia
989898



Achromatomaly
63ACBB

CSS Examples

Text

The CSS property to change the color of the text to Hex 05D0F7 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 #05D0F7 looks like.

```
.text, #text, p{  
    color:#05D0F7  
}
```

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 #05D0F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05D0F7
}
```

Border

The CSS property to change the border of an element to Hex 05D0F7 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
#05D0F7 }
```

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

```
.border{ border-color:#05D0F7 }
```

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

Here you see how a box with a 4 pixel #05D0F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05D0F7; -webkit-box-shadow:4px 4px  
4px 4px #05D0F7; box-shadow:4px 4px 4px  
4px #05D0F7 }
```

Background

The CSS property to change the background color of an element to Hex 05D0F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05D0F7 }
```

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

```
.background{ background-color:#05D0F7 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor