

Converting Colors

Hex(05DFFA)

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

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Color

Hex(05DFFA)

Conversions

Conversions Part 1

Format	Color
Hex	05DFFA
RGB	5, 223, 250
RGB Percent	2%, 87%, 98%
CMY	0.9804, 0.1255, 0.0196
CMYK	0.98, 0.11, 0.00, 0.02
HSL	187°, 96%, 50%
HSV	187°, 98%, 98%
XYZ	43.7056, 59.7097, 99.6641
YIQ	160.8960, -138.5950, -37.8190

Conversions

Conversions Part 2

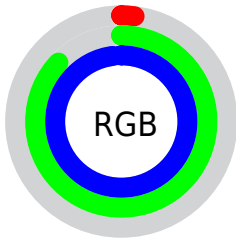
Format	Color
RYB	5, 120, 250
Decimal	385018
CIELab	81.68, -35.11, -25.77
CIELCh	82, 43.555, 216.282
Yxy	59.7097, 0.2152, 0.2940
Android (android.graphics.Color)	4278575098 (0xFF05DFFA)
YUV	160.8960, 43.9283, -136.7208
Hunter-Lab	77.2721, -34.2654, -22.3807

Details

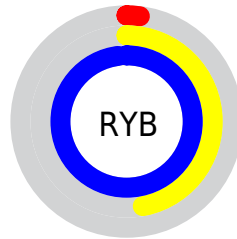
The Hex color **05DFFA** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light saturated cyan. A complement of this color would be **FA2005**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **75FFFF**, and **00A7C1** is the 20% darker color. If you saturate the color by 10%, you get **00DEFA**, and if you desaturate by 10%, it is **1EE2FA**.

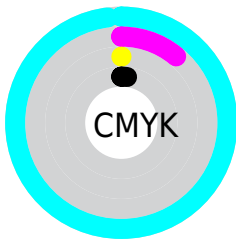
Distribution



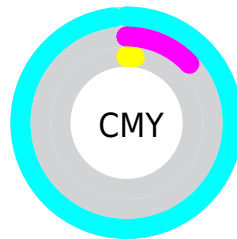
- Red (2%)
- Green (87%)
- Blue (98%)



- Red (2%)
- Yellow (47%)
- Blue (98%)



- Cyan (98%)
- Magenta (11%)
- Yellow (0%)
- Black (2%)



- Cyan (98%)
- Magenta (13%)
- Yellow (2%)

Brightness & Saturation Gradients

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

05DFFA

05DFFA

FFFFFF

00C3DD

75FFFF

00A7C1

97FFFF

008DA6

B8FFFF

00738C

D9FFFF

005972

F9FFFF

00415A

002B42

000E2C

000117

 05DFFA

 05DFFA

 00DEFA

 1EE2FA

 37E5FA

 50E7FA

 69EAFA

 82EDFA

 9BF0FA

 B4F2FA

 CDF5FA

 E6F8FA

Harmonies

Analogous

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



44E1D3



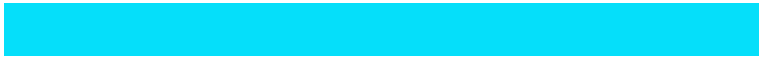
05DFFA



54D8FF

Triad

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



05DFFA



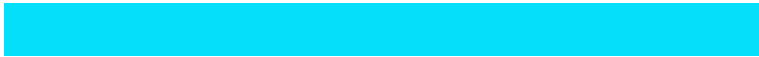
FFB0ED



DDCB79

Complementary

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



05DFFA



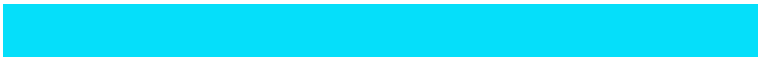
FA2005

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.



FFBD81



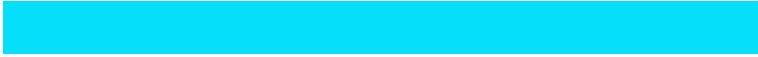
05DFFA



FFABC4

Square

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



05DFFA



DBBDFF



FFB19D



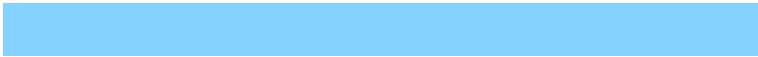
B2D788

Rectangle

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



05DFFA



86D1FF



FFB19D



EAC779

Sweetspot

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



05DFFA



B5F7FF



05FA1D



537B80



000000



808080

Same Dimension

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



05DFFA



00E3FF



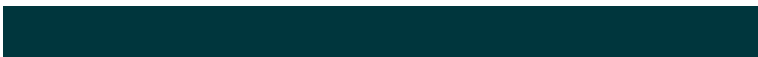
0567FA



707C7D



00A8BD



00363D

Inverse Universe

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



FA05DF



FF00E3



FA9805



7D707C



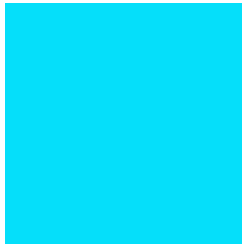
BD00A8



3D0036

Previews

White Background



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

Color Contrast Check

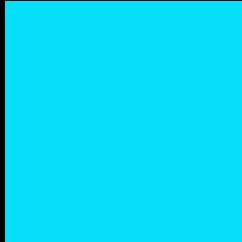
Large Text (above 18pt) WCAG AA × Fail

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 05DFFA 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 05DFFA Background



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

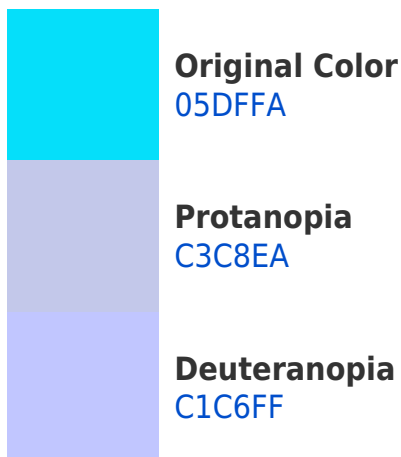


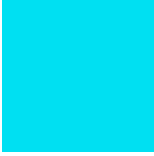
This preview shows how white text looks on a background with the Hex color 05DFFA.

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



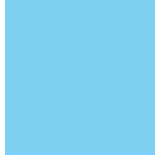


Tritanopia
00E0F2

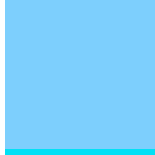
Trichromacy



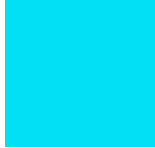
Original Color
05DFFA



Protanomaly
7ED0F0



Deuteranomaly
7DCFFD



Tritanomaly
02E0F5

Monochromacy



Original Color
05DFFA



Achromatopsia
A1A1A1



Achromatomaly
68B8C1

CSS Examples

Text

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

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

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 #05DFFA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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