

Converting Colors

Hex(06DEFD)

Have a look what the booklet for
Hex(06DEFD) contains.

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Color

Hex(06DEFD)

Conversions

Conversions Part 1

Format	Color
Hex	06DEFD
RGB	6, 222, 253
RGB Percent	2%, 87%, 99%
CMY	0.9765, 0.1294, 0.0078
CMYK	0.98, 0.12, 0.00, 0.01
HSL	188°, 98%, 51%
HSV	188°, 98%, 99%
XYZ	43.9260, 59.3731, 102.0735
YIQ	160.9500, -138.6870, -36.1510

Conversions

Conversions Part 2

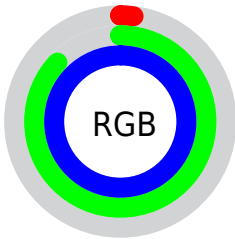
Format	Color
R _{YB}	6, 121, 253
Decimal	450301
CIE _{Lab}	81.50, -33.67, -27.64
CIE _{LCh}	81, 43.564, 219.387
Yxy	59.3731, 0.2139, 0.2891
Android (android.graphics.Color)	4278640381 (0xFF06DEFD)
YUV	160.9500, 45.3806, -135.8912
Hunter-Lab	77.0540, -33.0873, -24.6038

Details

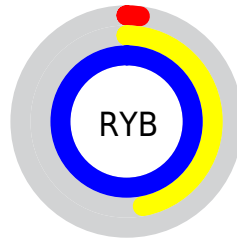
The Hex color **06DEFD** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **FD2506**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **75FFFF**, and **00A6C4** is the 20% darker color. If you saturate the color by 10%, you get **00DDFD**, and if you desaturate by 10%, it is **1FE1FD**.

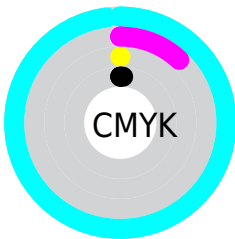
Distribution



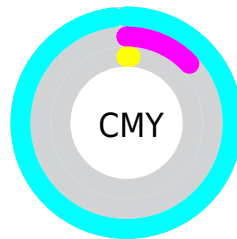
- Red (2%)
- Green (87%)
- Blue (99%)



- Red (2%)
- Yellow (47%)
- Blue (99%)



- Cyan (98%)
- Magenta (12%)
- Yellow (0%)
- Black (1%)



- Cyan (98%)
- Magenta (13%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 06DEFD 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 06DEFD by changing the saturation by 10% instead.

 06DEFD

 06DEFD

FFFFFF

 00C2E0

 75FFFF

 00A6C4

 98FFFF

 008CA9

 B9FFFF

 00728E

 D9FFFF

 005975

 FAFFFF

 00415C

 002A44

 000D2E

 000119

06DEFD

06DEFD

00DDFD

1FE1FD

39E4FD

52E8FD

6BEBFD

85EEFD

9EF1FD

B7F4FD

D0F7FD

EAFBFD

Harmonies

Analogous

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



3CE0D6



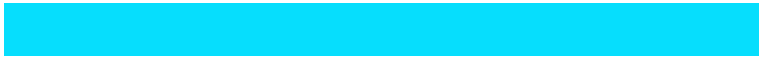
06DEFD



5BD7FF

Triad

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



06DEFD



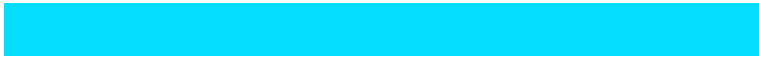
FFAFE8



D9CC79

Complementary

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



06DEFD



FD2506

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.



FDBE7F



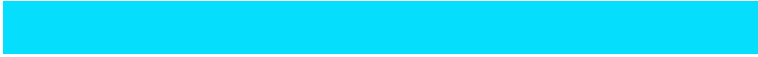
06DEFD



FFABBF

Square

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



06DEFD



E0BBFF



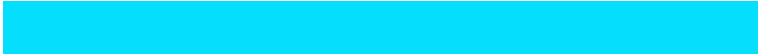
FFB199



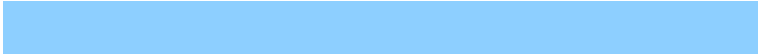
ACD78A

Rectangle

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



06DEFD



8DCFFB



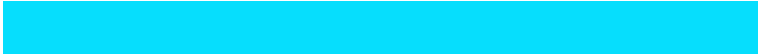
FFB199



E6C878

Sweetspot

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



06DEFD



B5F6FF



06FD23



537A80



000000



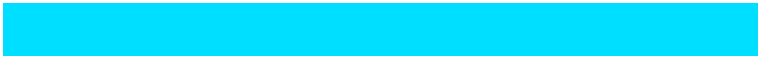
808080

Same Dimension

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



06DEFD



00DFFF



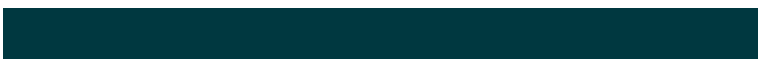
0665FD



737E80



00A7BF



003840

Inverse Universe

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



FD06DE



FF00DF



FD9E06



80737E



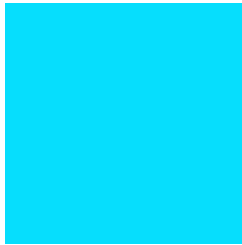
BF00A7



400038

Previews

White Background



This preview shows how the Hex color 06DEFD looks on a white background.

Color Contrast Check

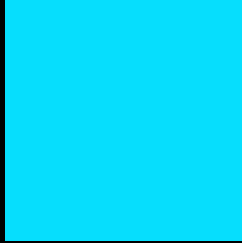
Large Text (above 18pt) WCAG AA × Fail

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 06DEFD 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 06DEFD Background



This preview shows how black text looks on a background with the Hex color 06DEFD.

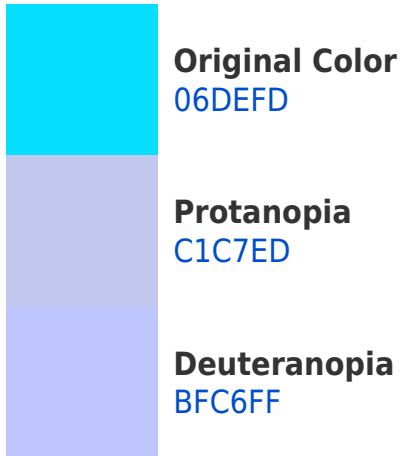


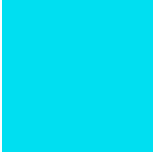
This preview shows how white text looks on a background with the Hex color 06DEFD.

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
00DFF1

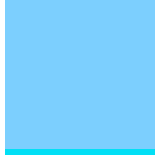
Trichromacy



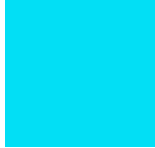
Original Color
06DEFD



Protanomaly
7DCFF3



Deuteranomaly
7CCFFE

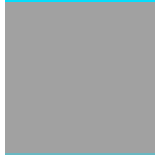


Tritanomaly
02DFF5

Monochromacy



Original Color
06DEFD



Achromatopsia
A1A1A1



Achromatomaly
69B7C2

CSS Examples

Text

The CSS property to change the color of the text to Hex 06DEFD 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 #06DEFD looks like.

```
.text, #text, p{  
    color:#06DEFD  
}
```

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 #06DEFD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06DEFD
}
```

Border

The CSS property to change the border of an element to Hex 06DEFD 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
#06DEFD }
```

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

```
.border{ border-color:#06DEFD }
```

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

Here you see how a box with a 4 pixel #06DEFD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06DEFD; -webkit-box-shadow:4px 4px  
4px 4px #06DEFD; box-shadow:4px 4px 4px  
4px #06DEFD }
```

Background

The CSS property to change the background color of an element to Hex 06DEFD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06DEFD }
```

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

```
.background{ background-color:#06DEFD }
```

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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