

Converting Colors

Hex(06DC11)

Have a look what the booklet for
Hex(06DC11) contains.

Hex(06DC11)	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>	28

Color

Hex(06DC11)

Conversions

Conversions Part 1

Format	Color
Hex	06DC11
RGB	6, 220, 17
RGB Percent	2%, 86%, 7%
CMY	0.9765, 0.1373, 0.9333
CMYK	0.97, 0.00, 0.92, 0.14
HSL	123°, 95%, 44%
HSV	123°, 97%, 86%
XYZ	25.7695, 51.2656, 9.0674
YIQ	132.8720, -62.3810, -108.5010

Conversions

Conversions Part 2

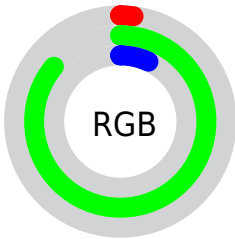
Format	Color
RYB	6, 210, 220
Decimal	449553
CIELab	76.84, -76.56, 72.73
CIELCh	77, 105.597, 136.469
Yxy	51.2656, 0.2993, 0.5954
Android (android.graphics.Color)	4278639633 (0xFF06DC11)
YUV	132.8720, -57.1249, -111.2667
Hunter-Lab	71.6000, -61.0562, 42.6115

Details

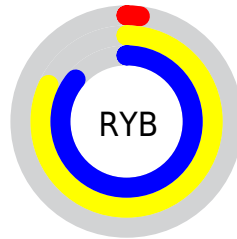
The Hex color **06DC11** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **DC06D1**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **6FFF5A**, and **00A300** is the 20% darker color. If you saturate the color by 10%, you get **00DC0B**, and if you desaturate by 10%, it is **1CDC26**.

Distribution



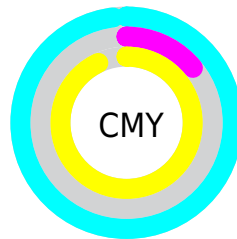
- Red (2%)
- Green (86%)
- Blue (7%)



- Red (2%)
- Yellow (82%)
- Blue (86%)



- Cyan (97%)
- Magenta (0%)
- Yellow (92%)
- Black (14%)



- Cyan (98%)
- Magenta (14%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 06DC11 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 06DC11 by changing the saturation by 10% instead.

 06DC11

 06DC11

FFFFFF

 00BF00

 6FFF5A

 00A300

 91FF77

 008800

 B1FF94

 006D00

 D1FFB1

 005200

 F1FFCE

 003A00

 FFFFEB

 002000

 000000

 06DC11

 06DC11

 00DC0B

 1CDC26

 32DC3B

 48DC50

 5EDC64

 74DC79

 8ADC8E

 A0DCA3

 B6DCB8

 CCDCCD

Harmonies

Analogous

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



B3CA00



06DC11



00E58C

Triad

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



06DC11



00D6FF



FF3C8D

Complementary

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



06DC11



DC06D1

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.



FF46EE



06DC11



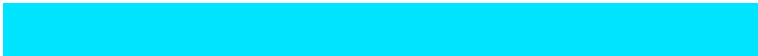
00B7FF

Square

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



06DC11



00E4FF



FF85FF



FF772B

Rectangle

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



06DC11



00E7D1



FF85FF



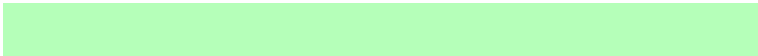
FF31AD

Sweetspot

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



06DC11



B5FFB9



D1DC06



538055



000000



808080

Same Dimension

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



06DC11



00FF0D



06DC7C



636E63



00AD09



002E02

Inverse Universe

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



DC06D1



FF00F2



DC0666



6E636D



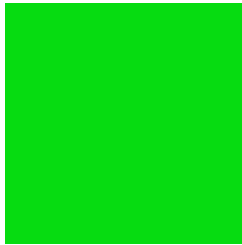
AD00A4



2E002C

Previews

White Background



This preview shows how the Hex color 06DC11 looks on a white background.

Color Contrast Check

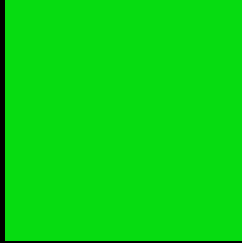
Large Text (above 18pt) WCAG AA × Fail

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 06DC11 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

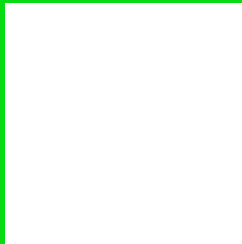
Any Text WCAG AAA ✓ Pass

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

Hex 06DC11 Background



This preview shows how black text looks on a background with the Hex color 06DC11.

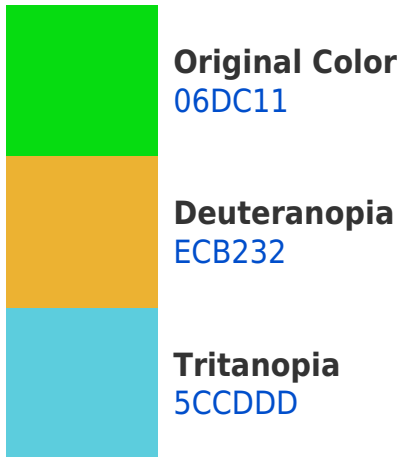


This preview shows how white text looks on a background with the Hex color 06DC11.

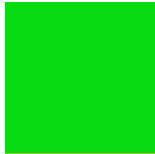
Color Blindness Simulation

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



Trichromacy



Original Color
06DC11

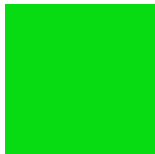


Deuteranomaly
98C126



Tritanomaly
3DD293

Monochromacy



Original Color
06DC11



Achromatopsia
858585



Achromatomaly
57A55B

CSS Examples

Text

The CSS property to change the color of the text to Hex 06DC11 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 #06DC11 looks like.

```
.text, #text, p{  
    color:#06DC11  
}
```

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 #06DC11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06DC11
}
```

Border

The CSS property to change the border of an element to Hex 06DC11 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
#06DC11 }
```

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

```
.border{ border-color:#06DC11 }
```

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

Here you see how a box with a 4 pixel #06DC11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06DC11; -webkit-box-shadow:4px 4px  
4px 4px #06DC11; box-shadow:4px 4px 4px  
4px #06DC11 }
```

Background

The CSS property to change the background color of an element to Hex 06DC11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06DC11 }
```

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

```
.background{ background-color:#06DC11 }
```

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