

Converting Colors

Hex(06CC1E)

Have a look what the booklet for
Hex(06CC1E) contains.

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Color

Hex(06CC1E)

Conversions

Conversions Part 1

Format	Color
Hex	06CC1E
RGB	6, 204, 30
RGB Percent	2%, 80%, 12%
CMY	0.9765, 0.2000, 0.8824
CMYK	0.97, 0.00, 0.85, 0.20
HSL	127°, 94%, 41%
HSV	127°, 97%, 80%
XYZ	21.9023, 43.3182, 8.4352
YIQ	124.9620, -62.1540, -96.0900

Conversions

Conversions Part 2

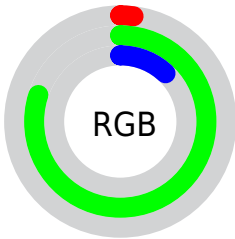
Format	Color
R _{YB}	6, 183, 204
Decimal	445470
CIE Lab	71.77, -71.78, 66.07
CIE LCh	72, 97.558, 137.373
Yxy	43.3182, 0.2974, 0.5881
Android (android.graphics.Color)	4278635550 (0xFF06CC1E)
YUV	124.9620, -46.8163, -104.3297
Hunter-Lab	65.8166, -55.7781, 38.4729

Details

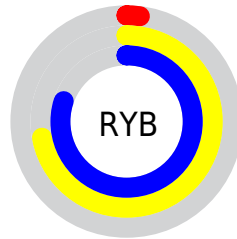
The Hex color **06CC1E** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **CC06B4**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **6AFF5D**, and **009400** is the 20% darker color. If you saturate the color by 10%, you get **00CC19**, and if you desaturate by 10%, it is **1ACC30**.

Distribution



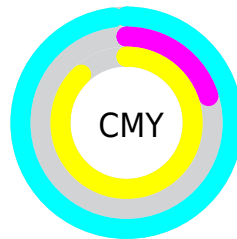
- Red (2%)
- Green (80%)
- Blue (12%)



- Red (2%)
- Yellow (72%)
- Blue (80%)



- Cyan (97%)
- Magenta (0%)
- Yellow (85%)
- Black (20%)



- Cyan (98%)
- Magenta (20%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 06CC1E 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 06CC1E by changing the saturation by 10% instead.

 06CC1E

 06CC1E

FFFFFF

 00B000


 6AFF5D

 009400

 8BFF79

 007900

 AAFF95

 005F00

 CAFFB2

 004500

 E9FFCF

 002D00

 FFFFE0

 000C00

 000000

 06CC1E

 06CC1E

 00CC19

 1ACC30

 2FCC42

 43CC54

 58CC66

 6CCC78

 80CC8A

 95CC9B

 A9CCAD

 BECCBF

Harmonies

Analogous

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



A4BC00



06CC1E



00D486

Triad

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



06CC1E



00C6FF



FF4081

Complementary

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



06CC1E



CC06B4

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.



FF45D9



06CC1E



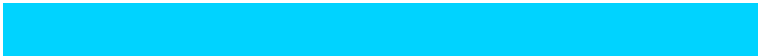
19A9FF

Square

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



06CC1E



00D3FF



F27BFF



FF7228

Rectangle

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



06CC1E



00D6C4



F27BFF



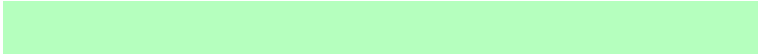
FF379E

Sweetspot

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



06CC1E



B5FFBE



B5CC06



538058



000000



808080

Same Dimension

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



06CC1E



00FF1F



06CC80



5C665D



00A614



002605

Inverse Universe

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



CC06B4



FF00E0



CC0652



665C65



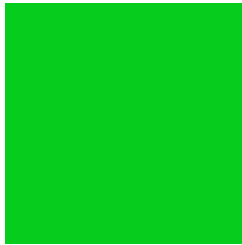
A60092



260022

Previews

White Background



This preview shows how the Hex color 06CC1E looks on a white background.

Color Contrast Check

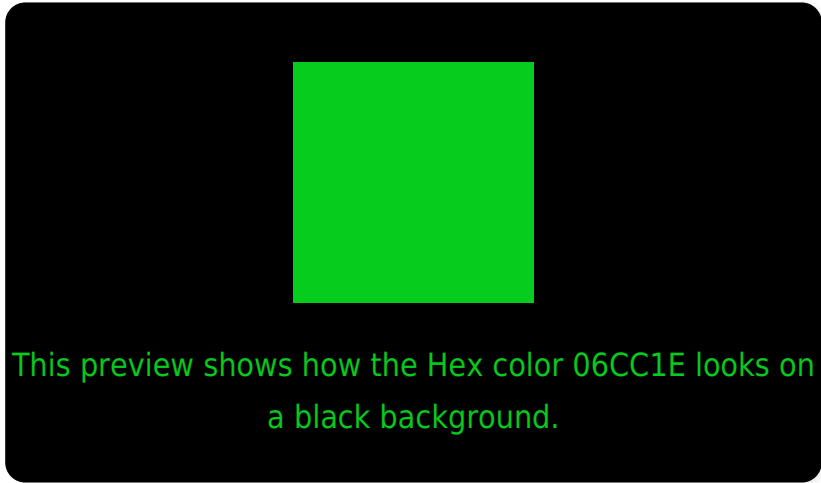
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 06CC1E Background



This preview shows how black text looks on a background with the Hex color 06CC1E.

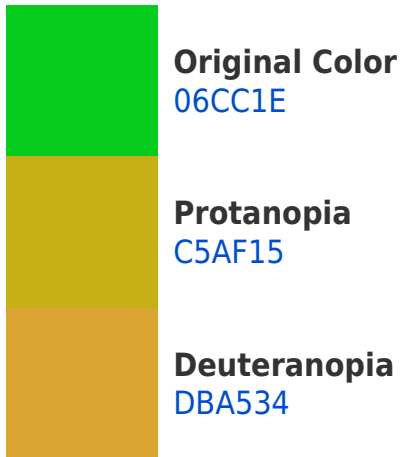


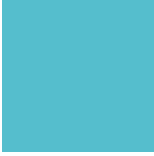
This preview shows how white text looks on a background with the Hex color 06CC1E.

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](#).

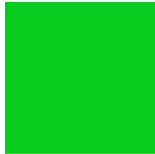
Dichromacy





Tritanopia
55BECD

Trichromacy



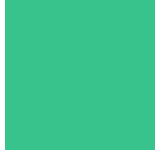
Original Color
06CC1E



Protanomaly
80BA18



Deuteranomaly
8EB32C



Tritanomaly
38C38D

Monochromacy



Original Color
06CC1E



Achromatopsia
7D7D7D



Achromatomaly
529A5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 06CC1E 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 #06CC1E looks like.

```
.text, #text, p{  
    color:#06CC1E  
}
```

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 #06CC1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06CC1E
}
```

Border

The CSS property to change the border of an element to Hex 06CC1E 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".

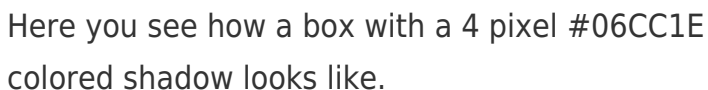
```
.border, #border, table{ border:4px solid
#06CC1E }
```

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

```
.border{ border-color:#06CC1E }
```

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

Here you see how a box with a 4 pixel #06CC1E colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06CC1E; -webkit-box-shadow:4px 4px  
4px 4px #06CC1E; box-shadow:4px 4px 4px  
4px #06CC1E }
```

Background

The CSS property to change the background color of an element to Hex 06CC1E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06CC1E }
```

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

```
.background{ background-color:#06CC1E }
```

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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