

Converting Colors

Hex(06CC2E)

Have a look what the booklet for
Hex(06CC2E) contains.

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Color

Hex(06CC2E)

Conversions

Conversions Part 1

Format	Color
Hex	06CC2E
RGB	6, 204, 46
RGB Percent	2%, 80%, 18%
CMY	0.9765, 0.2000, 0.8196
CMYK	0.97, 0.00, 0.77, 0.20
HSL	132°, 94%, 41%
HSV	132°, 97%, 80%
XYZ	22.1611, 43.4217, 9.7980
YIQ	126.7860, -67.2900, -91.1140

Conversions

Conversions Part 2

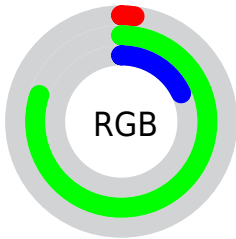
Format	Color
RYB	6, 171, 204
Decimal	445486
CIELab	71.84, -70.88, 61.83
CIELCh	72, 94.054, 138.903
Yxy	43.4217, 0.2940, 0.5760
Android (android.graphics.Color)	4278635566 (0xFF06CC2E)
YUV	126.7860, -39.8275, -105.9293
Hunter-Lab	65.8951, -55.2854, 37.3107

Details

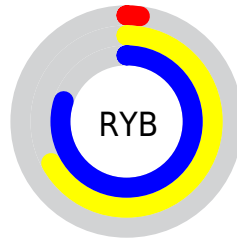
The Hex color **06CC2E** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **CC06A4**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **69FF67**, and **009400** is the 20% darker color. If you saturate the color by 10%, you get **00CC29**, and if you desaturate by 10%, it is **1ACC3E**.

Distribution



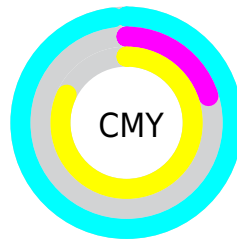
- Red (2%)
- Green (80%)
- Blue (18%)



- Red (2%)
- Yellow (67%)
- Blue (80%)



- Cyan (97%)
- Magenta (0%)
- Yellow (77%)
- Black (20%)



- Cyan (98%)
- Magenta (20%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 06CC2E 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 06CC2E by changing the saturation by 10% instead.

 06CC2E

 06CC2E

FFFFFF

 00B003

 69FF67

 009400

 8AFF83

 007900

 AAFF9F

 005F00

 C9FFBC

 004500

 E8FFD8

 002D00

 FFFFF6

 000C00

 000000

 06CC2E

 06CC2E

 00CC29

 1ACC3E

 2FCC4F

 43CC5F

 58CC6F

 6CCC7F

 80CC90

 95CCA0

 A9CCB0

 BECCC1

Harmonies

Analogous

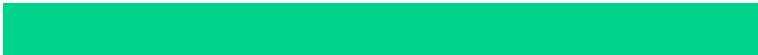
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A1BC00



06CC2E



00D48C

Triad

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



06CC2E



00C4FF



FF4B7E

Complementary

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



06CC2E



CC06A4

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.



FF4CD4



06CC2E



4EA7FF

Square

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



06CC2E



00D2FF



F57CFF



FF782A

Rectangle

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



06CC2E



00D5C8



F57CFF



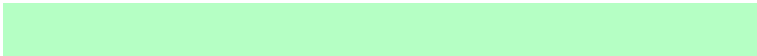
FF439A

Sweetspot

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



06CC2E



B5FFC4



A4CC06



53805C



000000



808080

Same Dimension

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



06CC2E



00FF34



06CC91



5C665E



00A621



002608

Inverse Universe

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



CC06A4



FF00CB



CC0641



665C64



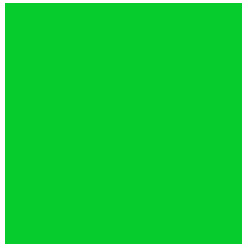
A60084



26001F

Previews

White Background



This preview shows how the Hex color 06CC2E 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 06CC2E 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 06CC2E Background



This preview shows how black text looks on a background with the Hex color 06CC2E.

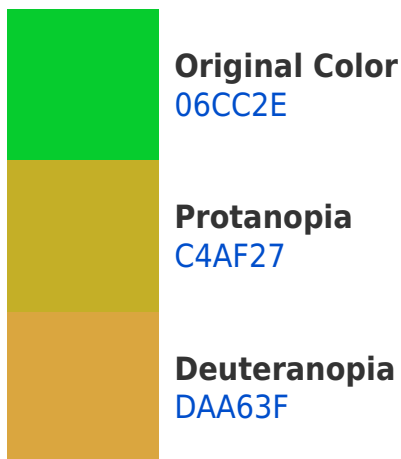


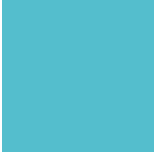
This preview shows how white text looks on a background with the Hex color 06CC2E.

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
54BECD

Trichromacy



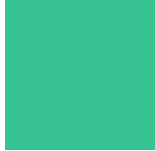
Original Color
06CC2E



Protanomaly
7FBA2A



Deuteranomaly
8DB439



Tritanomaly
38C393

Monochromacy



Original Color
06CC2E



Achromatopsia
7F7F7F



Achromatomaly
539B62

CSS Examples

Text

The CSS property to change the color of the text to Hex 06CC2E 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 #06CC2E looks like.

```
.text, #text, p{  
    color:#06CC2E  
}
```

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 #06CC2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06CC2E
}
```

Border

The CSS property to change the border of an element to Hex 06CC2E 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".

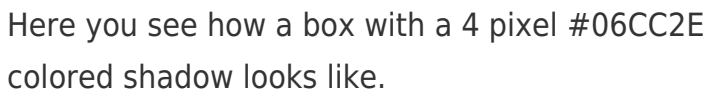
```
.border, #border, table{ border:4px solid
#06CC2E }
```

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

```
.border{ border-color:#06CC2E }
```

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

Here you see how a box with a 4 pixel #06CC2E colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The shadow is visible on the right and bottom edges of the box, demonstrating the effect of the CSS box-shadow property.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06CC2E; -webkit-box-shadow:4px 4px  
4px 4px #06CC2E; box-shadow:4px 4px 4px  
4px #06CC2E }
```

Background

The CSS property to change the background color of an element to Hex 06CC2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06CC2E }
```

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

```
.background{ background-color:#06CC2E }
```

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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