

Converting Colors

Hex(06CA52)

Have a look what the booklet for
Hex(06CA52) contains.

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Color

Hex(06CA52)

Conversions

Conversions Part 1

Format	Color
Hex	06CA52
RGB	6, 202, 82
RGB Percent	2%, 79%, 32%
CMY	0.9765, 0.2078, 0.6784
CMYK	0.97, 0.00, 0.59, 0.21
HSL	143°, 94%, 41%
HSV	143°, 97%, 79%
XYZ	22.7186, 42.8890, 15.0637
YIQ	129.7160, -78.2960, -78.8720

Conversions

Conversions Part 2

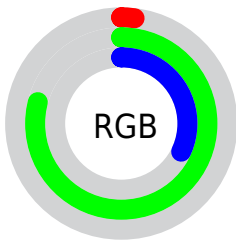
Format	Color
RYB	6, 147, 202
Decimal	445010
CIELab	71.48, -66.77, 47.39
CIELCh	71, 81.873, 144.634
Yxy	42.8890, 0.2816, 0.5317
Android (android.graphics.Color)	4278635090 (0xFF06CA52)
YUV	129.7160, -23.5240, -108.4989
Hunter-Lab	65.4897, -52.6846, 32.2051

Details

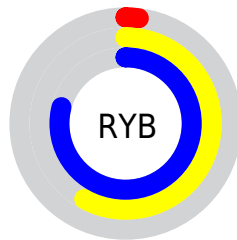
The Hex color **06CA52** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **CA067E**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **67FF87**, and **00921C** is the 20% darker color. If you saturate the color by 10%, you get **00CA4E**, and if you desaturate by 10%, it is **1ACA5E**.

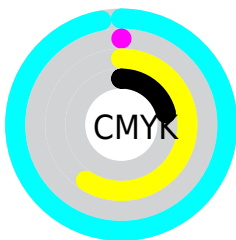
Distribution



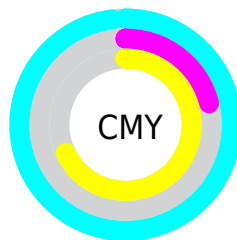
- Red (2%)
- Green (79%)
- Blue (32%)



- Red (2%)
- Yellow (58%)
- Blue (79%)



- Cyan (97%)
- Magenta (0%)
- Yellow (59%)
- Black (21%)



- Cyan (98%)
- Magenta (21%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 06CA52 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 06CA52 by changing the saturation by 10% instead.

 06CA52

 06CA52

FFFFFF

 00AE38

 67FF87

 00921C

 87FFA2

 007700

 A6FFBE

 005D00

 C5FFDA

 004400

 E4FFF7

 002C00

 000A00

 000000

 06CA52

 06CA52

■ 00CA4E

■ 1ACA5E

■ 2ECA6B

■ 43CA77

■ 57CA83

■ 6BCA90

■ 7FCA9C

■ 93CAA9

■ A8CAB5

■ BCCAC1

Harmonies

Analogous

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



96BD00



06CA52



00D09F

Triad

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



06CA52



00BCFF



FF6776

Complementary

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



06CA52



CA067E

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.



FF60C0



06CA52



90A1FF

Square

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



06CA52



00CBFF



FB7DFF



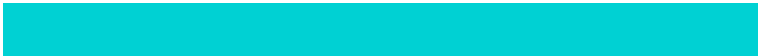
FF8831

Rectangle

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



06CA52



00D1D3



FB7DFF



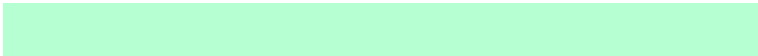
FF608E

Sweetspot

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



06CA52



B5FFD2



7FCA06



538064



000000



808080

Same Dimension

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



06CA52



00FF63



06CAB3



5C6660



00A640



00260F

Inverse Universe

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



CA067E



FF009C



CA061D



665C62



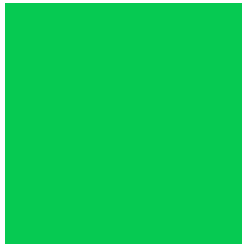
A60065



260017

Previews

White Background



This preview shows how the Hex color 06CA52 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 06CA52 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 06CA52 Background



This preview shows how black text looks on a background with the Hex color 06CA52.

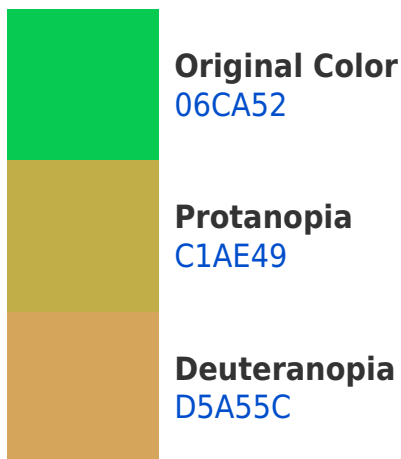


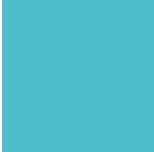
This preview shows how white text looks on a background with the Hex color 06CA52.

Color Blindness Simulation

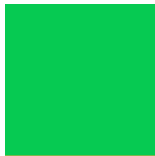
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Original Color
06CA52



Protanomaly
7DB84C



Deuteranomaly
8AB258



Tritanomaly
35C2A0

Monochromacy



Original Color
06CA52



Achromatopsia
828282



Achromatomaly
559C71

CSS Examples

Text

The CSS property to change the color of the text to Hex 06CA52 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 #06CA52 looks like.

```
.text, #text, p{  
    color:#06CA52  
}
```

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 #06CA52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06CA52
}
```

Border

The CSS property to change the border of an element to Hex 06CA52 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
#06CA52 }
```

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

```
.border{ border-color:#06CA52 }
```

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

Here you see how a box with a 4 pixel #06CA52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06CA52; -webkit-box-shadow:4px 4px  
4px 4px #06CA52; box-shadow:4px 4px 4px  
4px #06CA52 }
```

Background

The CSS property to change the background color of an element to Hex 06CA52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06CA52 }
```

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

```
.background{ background-color:#06CA52 }
```

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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