

Converting Colors

Hex(06CE67)

Have a look what the booklet for
Hex(06CE67) contains.

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Color

Hex(06CE67)

Conversions

Conversions Part 1

Format	Color
Hex	06CE67
RGB	6, 206, 103
RGB Percent	2%, 81%, 40%
CMY	0.9765, 0.1922, 0.5961
CMYK	0.97, 0.00, 0.50, 0.19
HSL	149°, 94%, 42%
HSV	149°, 97%, 81%
XYZ	24.5946, 45.1606, 20.2526
YIQ	134.4580, -86.1370, -74.4330

Conversions

Conversions Part 2

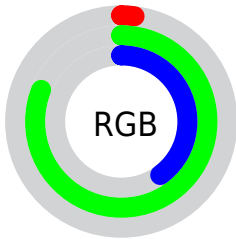
Format	Color
RYB	6, 141, 206
Decimal	446055
CIELab	73.00, -64.99, 39.28
CIELCh	73, 75.939, 148.853
Yxy	45.1606, 0.2732, 0.5017
Android (android.graphics.Color)	4278636135 (0xFF06CE67)
YUV	134.4580, -15.5088, -112.6577
Hunter-Lab	67.2016, -52.2751, 29.1729

Details

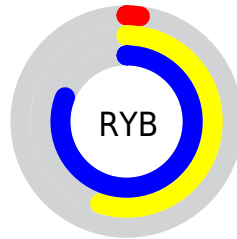
The Hex color **06CE67** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **CE066D**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **67FF9C**, and **009635** is the 20% darker color. If you saturate the color by 10%, you get **00CE64**, and if you desaturate by 10%, it is **1BCE72**.

Distribution



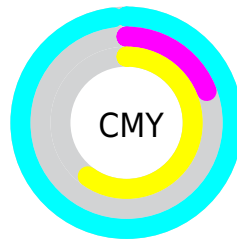
- Red (2%)
- Green (81%)
- Blue (40%)



- Red (2%)
- Yellow (55%)
- Blue (81%)



- Cyan (97%)
- Magenta (0%)
- Yellow (50%)
- Black (19%)



- Cyan (98%)
- Magenta (19%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 06CE67 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 06CE67 by changing the saturation by 10% instead.

 06CE67

 06CE67

FFFFFF

 00B24E

 67FF9C

 009635

 88FFB7

 007B1B

 A7FFD3

 006100

 C6FFF0

 004700

 E5FFFF

 003000

 001200

 000000

 06CE67

 06CE67

 00CE64

 1BCE72

 2FCE7C

 44CE87

 58CE91

 6DCE9C

 82CEA7

 96CEB1

 ABCEBC

 BFCEC6

Harmonies

Analogous

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



93C327



06CE67



00D3AE

Triad

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



06CE67



00BCFF



FF7774

Complementary

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



06CE67



CE066D

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.



FF6DB9



06CE67



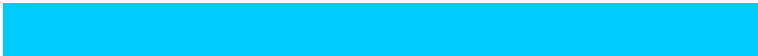
ACA2FF

Square

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



06CE67



00CCFF



FF82FC



FF9338

Rectangle

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



06CE67



00D4DE



FF82FC



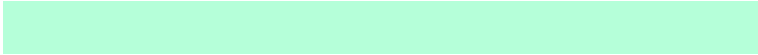
FF708A

Sweetspot

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



06CE67



B5FFD9



6DCE06



538069



000000



808080

Same Dimension

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



06CE67



00FF7C



06CECB



5C6661



00A650



002613

Inverse Universe

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



CE066D



FF0083



CE0609



665C61



A60055



260014

Previews

White Background



This preview shows how the Hex color 06CE67 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 06CE67 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 06CE67 Background



This preview shows how black text looks on a background with the Hex color 06CE67.

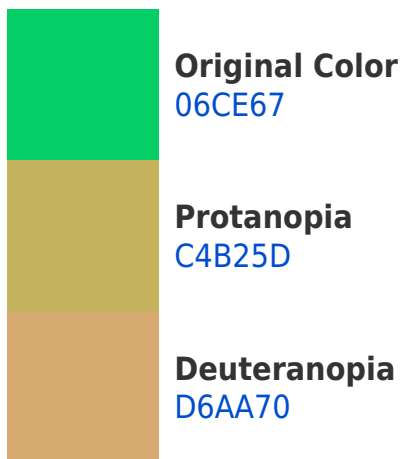


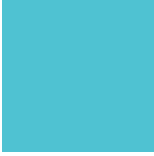
This preview shows how white text looks on a background with the Hex color 06CE67.

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
4FC2D2

Trichromacy



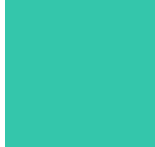
Original Color
06CE67



Protanomaly
7FBC61



Deuteranomaly
8AB76D



Tritanomaly
34C6AB

Monochromacy



Original Color
06CE67



Achromatopsia
868686



Achromatomaly
57A07B

CSS Examples

Text

The CSS property to change the color of the text to Hex 06CE67 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 #06CE67 looks like.

```
.text, #text, p{  
    color:#06CE67  
}
```

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 #06CE67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06CE67
}
```

Border

The CSS property to change the border of an element to Hex 06CE67 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
#06CE67 }
```

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

```
.border{ border-color:#06CE67 }
```

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

Here you see how a box with a 4 pixel #06CE67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06CE67; -webkit-box-shadow:4px 4px  
4px 4px #06CE67; box-shadow:4px 4px 4px  
4px #06CE67 }
```

Background

The CSS property to change the background color of an element to Hex 06CE67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06CE67 }
```

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

```
.background{ background-color:#06CE67 }
```

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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