

Converting Colors

Hex(06C66F)

Have a look what the booklet for
Hex(06C66F) contains.

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Color

Hex(06C66F)

Conversions

Conversions Part 1

Format	Color
Hex	06C66F
RGB	6, 198, 111
RGB Percent	2%, 78%, 44%
CMY	0.9765, 0.2235, 0.5647
CMYK	0.97, 0.00, 0.44, 0.22
HSL	153°, 94%, 40%
HSV	153°, 97%, 78%
XYZ	23.1384, 41.5746, 21.8441
YIQ	130.6740, -86.5050, -67.7610

Conversions

Conversions Part 2

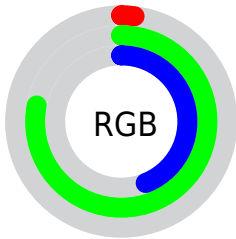
Format	Color
RYB	6, 130, 198
Decimal	444015
CIELab	70.58, -60.97, 32.19
CIELCh	71, 68.948, 152.170
Yxy	41.5746, 0.2673, 0.4803
Android (android.graphics.Color)	4278634095 (0xFF06C66F)
YUV	130.6740, -9.6993, -109.3391
Hunter-Lab	64.4784, -48.7814, 25.0485

Details

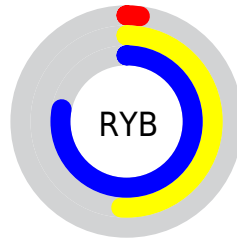
The Hex color **06C66F** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark washed spring green. A complement of this color would be **C6065D**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **65FFA4**, and **008F3D** is the 20% darker color. If you saturate the color by 10%, you get **00C66C**, and if you desaturate by 10%, it is **1AC678**.

Distribution



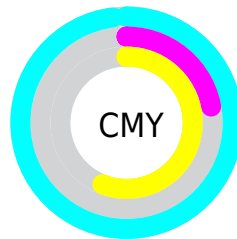
- Red (2%)
- Green (78%)
- Blue (44%)



- Red (2%)
- Yellow (51%)
- Blue (78%)



- Cyan (97%)
- Magenta (0%)
- Yellow (44%)
- Black (22%)



- Cyan (98%)
- Magenta (22%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 06C66F 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 06C66F by changing the saturation by 10% instead.

 06C66F

 06C66F

FFFFFF

 00AA56

 65FFA4

 008F3D

 85FFBF

 007426

 A4FFDB

 005A0D

 C2FFF8

 004100

 E1FFFF

 002900

 000400

 000000

 06C66F

 06C66F

■ 00C66C

■ 1AC678

■ 2EC681

■ 41C68A

■ 55C693

■ 69C69C

■ 7DC6A5

■ 91C6AE

■ A4C6B7

■ B8C6C0

Harmonies

Analogous

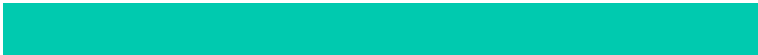
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89BC38



06C66F



00CAAF

Triad

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



06C66F



00B2FF



FF7A6D

Complementary

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



06C66F



C6065D

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.



FF70AB



06C66F



B39AFF

Square

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



06C66F



00C2FF



FC7FE8



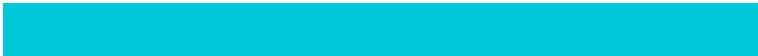
FA933A

Rectangle

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



06C66F



00CADA



FC7FE8



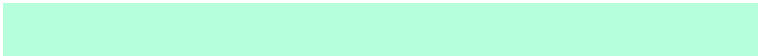
FF7481

Sweetspot

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



06C66F



B5FFDD



60C606



53806B



000000



808080

Same Dimension

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



06C66F



00FF8B



06C0C6



5A635F



00A359



002414

Inverse Universe

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



C6065D



FF0074



C60C06



635A5E



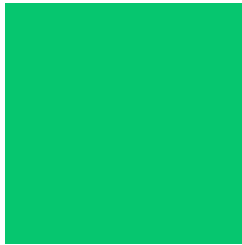
A3004A



240010

Previews

White Background



This preview shows how the Hex color 06C66F looks on a white background.

Color Contrast Check

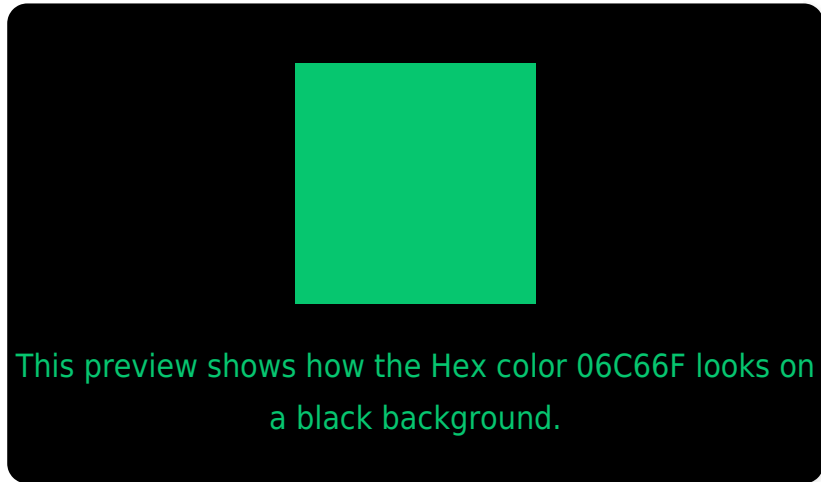
Large Text (above 18pt) WCAG AA × Fail

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 06C66F Background



This preview shows how black text looks on a background with the Hex color 06C66F.

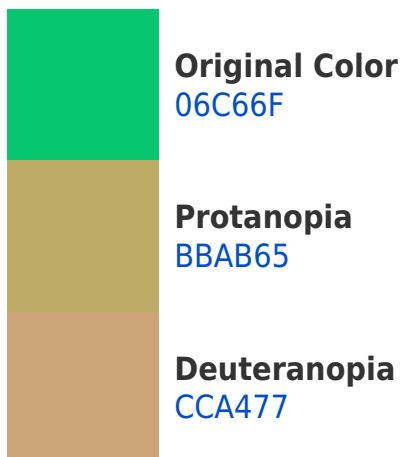


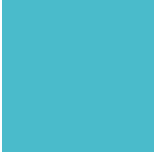
This preview shows how white text looks on a background with the Hex color 06C66F.

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
4ABBCB

Trichromacy



Original Color
06C66F



Protanomaly
79B569



Deuteranomaly
84B074



Tritanomaly
31BFAA

Monochromacy



Original Color
06C66F



Achromatopsia
838383



Achromatomaly
569B7C

CSS Examples

Text

The CSS property to change the color of the text to Hex 06C66F 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 #06C66F looks like.

```
.text, #text, p{  
    color:#06C66F  
}
```

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 #06C66F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06C66F
}
```

Border

The CSS property to change the border of an element to Hex 06C66F 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
#06C66F }
```

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

```
.border{ border-color:#06C66F }
```

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

Here you see how a box with a 4 pixel #06C66F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06C66F; -webkit-box-shadow:4px 4px  
4px 4px #06C66F; box-shadow:4px 4px 4px  
4px #06C66F }
```

Background

The CSS property to change the background color of an element to Hex 06C66F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06C66F }
```

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

```
.background{ background-color:#06C66F }
```

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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