

Converting Colors

Hex(066F00)

Have a look what the booklet for
Hex(066F00) contains.

Hex(066F00)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(066F00)

Conversions

Conversions Part 1

Format	Color
Hex	066F00
RGB	6, 111, 0
RGB Percent	2%, 44%, 0%
CMY	0.9765, 0.5647, 1.0000
CMYK	0.95, 0.00, 1.00, 0.56
HSL	117°, 100%, 22%
HSV	117°, 100%, 44%
XYZ	5.7595, 11.4076, 1.8983
YIQ	66.9510, -26.9490, -56.7810

Conversions

Conversions Part 2

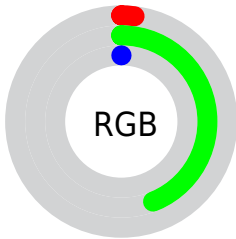
Format	Color
RYB	0, 111, 105
Decimal	421632
CIELab	40.26, -46.10, 45.14
CIELCh	40, 64.521, 135.607
Yxy	11.4076, 0.3021, 0.5983
Android (android.graphics.Color)	4278611712 (0xFF066F00)
YUV	66.9510, -33.0068, -53.4540
Hunter-Lab	33.7751, -28.6676, 20.3102

Details

The Hex color **066F00** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **69006F**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **4EA43B**, and **003E00** is the 20% darker color. If you saturate the color by 10%, you get **066F00**, and if you desaturate by 10%, it is **106F0B**.

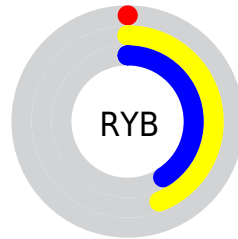
Distribution



Red (2%)

Green (44%)

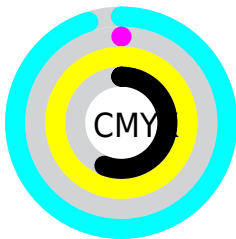
Blue (0%)



Red (0%)

Yellow (44%)

Blue (41%)

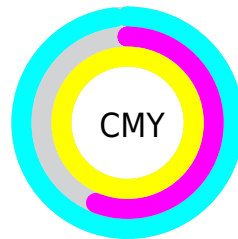


Cyan (95%)

Magenta (0%)

Yellow (100%)

Black (56%)



Cyan (98%)

Magenta (56%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 066F00 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 066F00 by changing the saturation by 10% instead.

 066F00

 066F00

 FFFFFA

 005600

 4EA43B

 003E00

 6ABF55

 002900

 86DC6F

 000200

 A2F889

 000000

 BFFFA4

 DCFFC0

 F9FFDD

 066F00

 106F0B

 1B6F16

 266F21

 306F2C

 3B6F38

 456F43

 506F4E

 5A6F59

 656F64

Harmonies

Analogous

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



5A6500



066F00



007443

Triad

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



066F00



006CC6



B91746

Complementary

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



066F00



69006F

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.



AE1E7B



066F00



005CC6

Square

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



066F00



0074AA



8241AA



AA3811

Rectangle

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



066F00



007568



8241AA



B91157

Sweetspot

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



066F00



689166



6F6800



314A2F



C9C9C9



4A4A4A

Same Dimension

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



066F00



089100



006F30



333832



067800



0DF700

Inverse Universe

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



69006F



890091



6F003F



383238



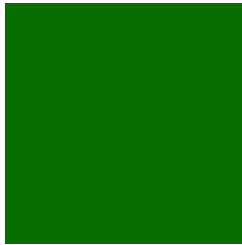
710078



EA00F7

Previews

White Background



This preview shows how the Hex color 066F00 looks on a white background.

Color Contrast Check

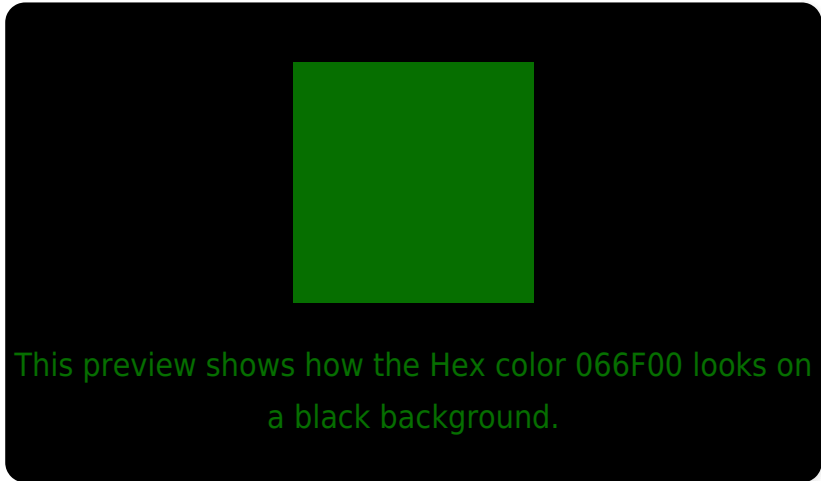
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

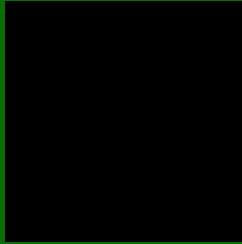
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 066F00 Background



This preview shows how black text looks on a background with the Hex color 066F00.



This preview shows how white text looks on a background with the Hex color 066F00.

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



Original Color
066F00

Protanopia
6B5F00

Deuteranopia
775A18



Tritanopia
2F6770

Trichromacy



Original Color
066F00



Protanomaly
466500



Deuteranomaly
4E620F

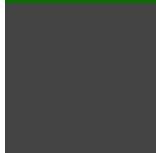


Tritanomaly
206A47

Monochromacy



Original Color
066F00



Achromatopsia
434343



Achromatomaly
2D532B

CSS Examples

Text

The CSS property to change the color of the text to Hex 066F00 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 #066F00 looks like.

```
.text, #text, p{  
    color:#066F00  
}
```

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 #066F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #066F00
}
```

Border

The CSS property to change the border of an element to Hex 066F00 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".

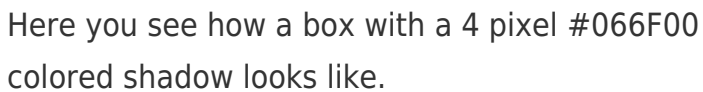
```
.border, #border, table{ border:4px solid
#066F00 }
```

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

```
.border{ border-color:#066F00 }
```

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

Here you see how a box with a 4 pixel #066F00 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The shadow is cast to the right and bottom of the box, matching the border color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #066F00; -webkit-box-shadow:4px 4px  
4px 4px #066F00; box-shadow:4px 4px 4px  
4px #066F00 }
```

Background

The CSS property to change the background color of an element to Hex 066F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#066F00 }
```

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

```
.background{ background-color:#066F00 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor