

Converting Colors

Hex(066011)

Have a look what the booklet for
Hex(066011) contains.

Hex(066011)	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(066011)

Conversions

Conversions Part 1

Format	Color
Hex	066011
RGB	6, 96, 17
RGB Percent	2%, 38%, 7%
CMY	0.9765, 0.6235, 0.9333
CMYK	0.94, 0.00, 0.82, 0.62
HSL	127°, 88%, 20%
HSV	127°, 94%, 38%
XYZ	4.3592, 8.4449, 1.9306
YIQ	60.0840, -28.2810, -43.6490

Conversions

Conversions Part 2

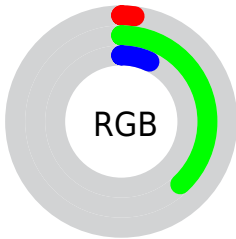
Format	Color
RYB	6, 86, 96
Decimal	417809
CIELab	34.89, -40.39, 35.59
CIELCh	35, 53.837, 138.613
Yxy	8.4449, 0.2958, 0.5731
Android (android.graphics.Color)	4278607889 (0xFF066011)
YUV	60.0840, -21.2404, -47.4317
Hunter-Lab	29.0602, -24.0795, 16.4032

Details

The Hex color **066011** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **600655**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **489442**, and **003000** is the 20% darker color. If you saturate the color by 10%, you get **00600C**, and if you desaturate by 10%, it is **106019**.

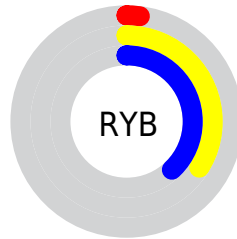
Distribution



Red (2%)

Green (38%)

Blue (7%)



Red (2%)

Yellow (34%)

Blue (38%)

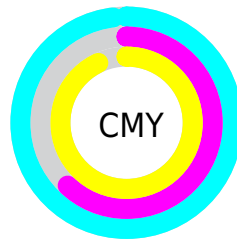


Cyan (94%)

Magenta (0%)

Yellow (82%)

Black (62%)



Cyan (98%)

Magenta (62%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 066011 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 066011 by changing the saturation by 10% instead.

 066011

 066011

FFFFFFE

 004800

 489442

 003000

 63AF5B

 001A00

 7ECA74

 000000

 9AE78F

 B6FFA9

 D2FFC5

 EFFFEE1

 066011

 066011

■ 00600C

■ 106019

■ 196022

■ 23602A

■ 2C6033

■ 36603B

■ 406044

■ 49604C

■ 536054

■ 5C605D

Harmonies

Analogous

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



4B5800



066011



006440

Triad

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



066011



005CA7



9C203A

Complementary

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



066011



600655

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.



952164



066011



214EA4

Square

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



066011



006392



74388B



8E3610

Rectangle

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



066011



00655E



74388B



9D1D48

Sweetspot

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



066011



5A7D5E



566006



2A402D



BFBFBF



404040

Same Dimension

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



066011



007D0F



06603E



2C302C



00700E



00F01D

Inverse Universe

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



600655



7D006E



600628



302C30



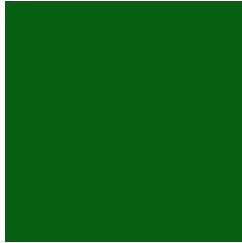
700062



F000D2

Previews

White Background



This preview shows how the Hex color 066011 looks on a white background.

Color Contrast Check

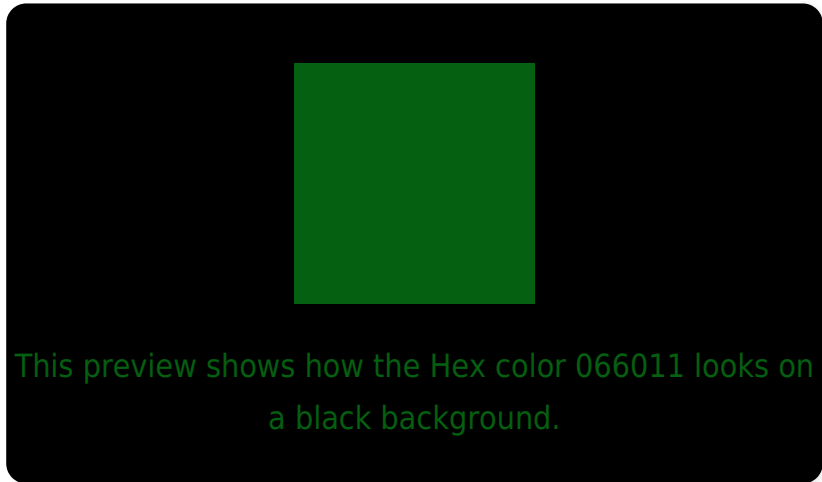
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black 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

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

Hex 066011 Background



This preview shows how black text looks on a background with the Hex color 066011.



This preview shows how white text looks on a background with the Hex color 066011.

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](#).

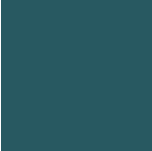
Dichromacy



Original Color
066011

Protanopia
5C520D

Deuteranopia
674E1A



Tritanopia
285961

Trichromacy



Original Color
066011



Protanomaly
3D570E



Deuteranomaly
445517

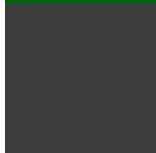


Tritanomaly
1C5C44

Monochromacy



Original Color
066011



Achromatopsia
3C3C3C



Achromatomaly
28492C

CSS Examples

Text

The CSS property to change the color of the text to Hex 066011 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 #066011 looks like.

```
.text, #text, p{  
    color:#066011  
}
```

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 #066011 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #066011
}
```

Border

The CSS property to change the border of an element to Hex 066011 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".

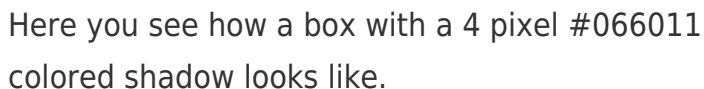
```
.border, #border, table{ border:4px solid
#066011 }
```

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

```
.border{ border-color:#066011 }
```

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

Here you see how a box with a 4 pixel #066011 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #066011; -webkit-box-shadow:4px 4px  
4px 4px #066011; box-shadow:4px 4px 4px  
4px #066011 }
```

Background

The CSS property to change the background color of an element to Hex 066011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#066011 }
```

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

```
.background{ background-color:#066011 }
```

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