

Converting Colors

Hex(00661C)

Have a look what the booklet for
Hex(00661C) contains.

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Color

Hex(00661C)

Conversions

Conversions Part 1

Format	Color
Hex	00661C
RGB	0, 102, 28
RGB Percent	0%, 40%, 11%
CMY	1.0000, 0.6000, 0.8902
CMYK	1.00, 0.00, 0.73, 0.60
HSL	136°, 100%, 20%
HSV	136°, 100%, 40%
XYZ	4.9610, 9.5866, 2.6875
YIQ	63.0660, -37.0380, -44.6380

Conversions

Conversions Part 2

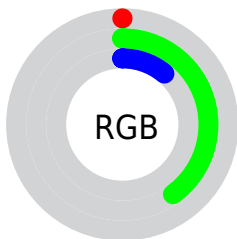
Format	Color
RYB	0, 80, 102
Decimal	26140
CIELab	37.09, -41.98, 33.30
CIELCh	37, 53.583, 141.574
Yxy	9.5866, 0.2878, 0.5562
Android (android.graphics.Color)	4278216220 (0xFF00661C)
YUV	63.0660, -17.2875, -55.3089
Hunter-Lab	30.9622, -25.5834, 16.5271

Details

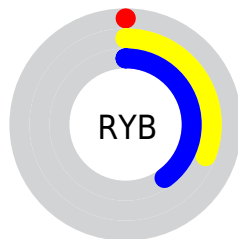
The Hex color **00661C** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **66004A**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **479A4C**, and **003500** is the 20% darker color. If you saturate the color by 10%, you get **00661C**, and if you desaturate by 10%, it is **0A6623**.

Distribution



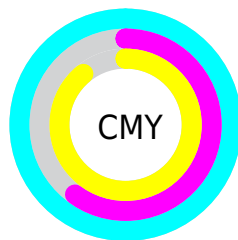
- Red (0%)
- Green (40%)
- Blue (11%)



- Red (0%)
- Yellow (31%)
- Blue (40%)



- Cyan (100%)
- Magenta (0%)
- Yellow (73%)
- Black (60%)



- Cyan (100%)
- Magenta (60%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00661C 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 00661C by changing the saturation by 10% instead.

 00661C

 00661C

FFFFFF

 004D02

 479A4C

 003500

 63B565

 002000

 7ED17E

 000000

 9AEE99

 B6FFB4

 D3FFD0

 F0FFEC

 00661C

 0A6623

 14662B

 1F6632

 29663A

 336641

 3D6648

 476650

 526657

 5C665F

Harmonies

Analogous

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



4C5E00



00661C



006A49

Triad

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



00661C



0060AD



A2293A

Complementary

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



00661C



66004A

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.



9D2765



00661C



3851A8

Square

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



00661C



00689B



7E3C8E



923E11

Rectangle

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



00661C



006A67



7E3C8E



A32549

Sweetspot

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



00661C



5D8568



4B6600



2A4231



C2C2C2



424242

Same Dimension

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



00661C



008524



00664E



2E332F



00731F



00F242

Inverse Universe

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



66004A



850060



660018



332E32



730053



F200B0

Previews

White Background



This preview shows how the Hex color 00661C looks on a white background.

Color Contrast Check

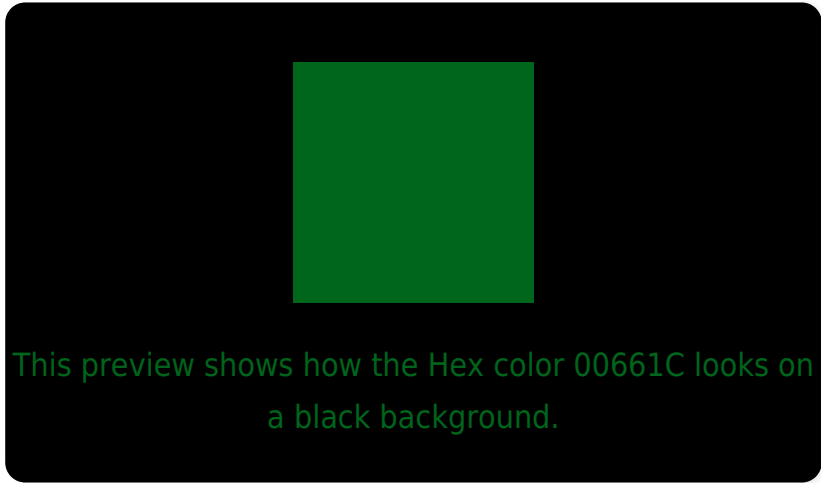
Large Text (above 18pt) WCAG AA ✓ Pass

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

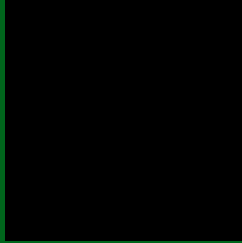
Any Text WCAG AA × Fail

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 00661C Background



This preview shows how black text looks on a background with the Hex color 00661C.



This preview shows how white text looks on a background with the Hex color 00661C.

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
00661C

Protanopia
625818

Deuteranopia
6D5323



Tritanopia
2A5F67

Trichromacy



Original Color
00661C



Protanomaly
3E5D19



Deuteranomaly
455A20

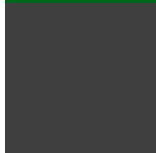


Tritanomaly
1B624C

Monochromacy



Original Color
00661C



Achromatopsia
3F3F3F



Achromatomaly
284D32

CSS Examples

Text

The CSS property to change the color of the text to Hex 00661C 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 #00661C looks like.

```
.text, #text, p{  
    color:#00661C  
}
```

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 #00661C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00661C
}
```

Border

The CSS property to change the border of an element to Hex 00661C 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
#00661C }
```

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

```
.border{ border-color:#00661C }
```

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

Here you see how a box with a 4 pixel #00661C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00661C; -webkit-box-shadow:4px 4px  
4px 4px #00661C; box-shadow:4px 4px 4px  
4px #00661C }
```

Background

The CSS property to change the background color of an element to Hex 00661C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00661C }
```

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

```
.background{ background-color:#00661C }
```

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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