

Converting Colors

Hex(0C660C)

Have a look what the booklet for
Hex(0C660C) contains.

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Color

Hex(0C660C)

Conversions

Conversions Part 1

Format	Color
Hex	0C660C
RGB	12, 102, 12
RGB Percent	5%, 40%, 5%
CMY	0.9529, 0.6000, 0.9529
CMYK	0.88, 0.00, 0.88, 0.60
HSL	120°, 79%, 22%
HSV	120°, 88%, 40%
XYZ	4.9694, 9.6074, 1.9403
YIQ	64.8300, -24.7500, -47.0700

Conversions

Conversions Part 2

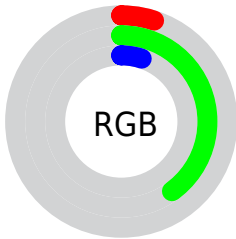
Format	Color
RYB	12, 102, 102
Decimal	812556
CIELab	37.13, -42.04, 39.36
CIELCh	37, 57.589, 136.884
Yxy	9.6074, 0.3009, 0.5817
Android (android.graphics.Color)	4279002636 (0xFF0C660C)
YUV	64.8300, -26.0452, -46.3319
Hunter-Lab	30.9959, -25.6252, 17.9856

Details

The Hex color **0C660C** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **660C66**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **4C9A40**, and **003500** is the 20% darker color. If you saturate the color by 10%, you get **026602**, and if you desaturate by 10%, it is **166616**.

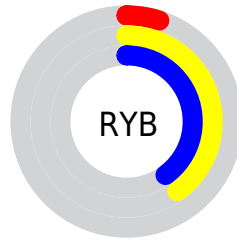
Distribution



Red (5%)

Green (40%)

Blue (5%)



Red (5%)

Yellow (40%)

Blue (40%)

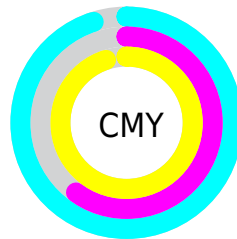


Cyan (88%)

Magenta (0%)

Yellow (88%)

Black (60%)



Cyan (95%)

Magenta (60%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C660C 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 0C660C by changing the saturation by 10% instead.



0C660C



0C660C

FFFFFFD



004D00



4C9A40



003500



68B559



002000



83D173



000000



9FEE8D



BBFA8



D8FFC4



F5FFE0



0C660C



0C660C

■ 026602

■ 166616

■ 006600

■ 206620

■ 2B662B

■ 356635

■ 3F663F

■ 496649

■ 536653

■ 5E665E

■ 686668

Harmonies

Analogous

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



525D00



0C660C



006A41

Triad

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



0C660C



0063B3



A71F40

Complementary

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



0C660C



660C66

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.



9F226E



0C660C



0C54B1

Square

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



0C660C



006A9B



793D98



993712

Rectangle

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



0C660C



006B61



793D98



A71B4F

Sweetspot

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



0C660C



628562



66660C



2E422E



C2C2C2



424242

Same Dimension

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



0C660C



008500



0C6639



2E332E



007300



00F200

Inverse Universe

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



660C66



850085



660C39



332E33



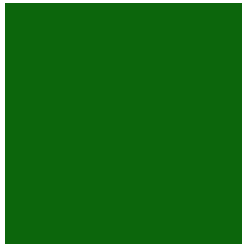
730073



F200F2

Previews

White Background



This preview shows how the Hex color 0C660C looks on a white background.

Color Contrast Check

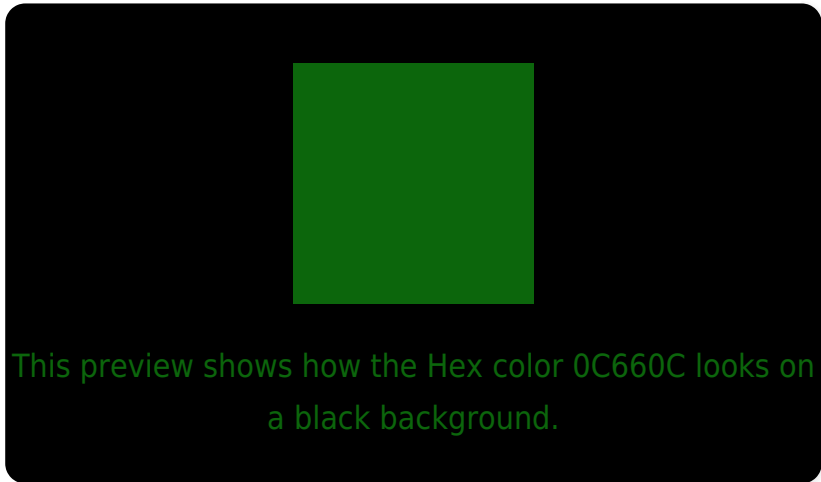
Large Text (above 18pt) WCAG AA ✓ Pass

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

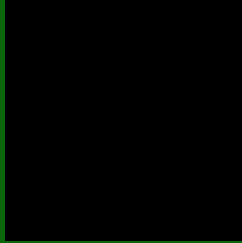
Any Text WCAG AA × Fail

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 0C660C Background



This preview shows how black text looks on a background with the Hex color 0C660C.



This preview shows how white text looks on a background with the Hex color 0C660C.

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
0C660C

Protanopia
625706

Deuteranopia
6D5319



Tritanopia
2C5F67

Trichromacy



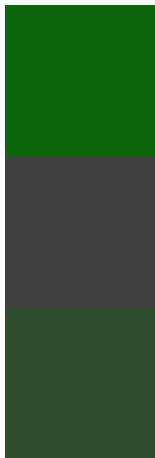
Original Color
0C660C

Protanomaly
435C08

Deuteranomaly
4A5A14

Tritanomaly
206246

Monochromacy



Original Color
0C660C

Achromatopsia
414141

Achromatomaly
2E4E2E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C660C 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 #0C660C looks like.

```
.text, #text, p{  
    color:#0C660C  
}
```

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 #0C660C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C660C
}
```

Border

The CSS property to change the border of an element to Hex 0C660C 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".

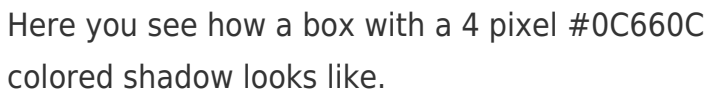
```
.border, #border, table{ border:4px solid
#0C660C }
```

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

```
.border{ border-color:#0C660C }
```

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

Here you see how a box with a 4 pixel #0C660C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C660C; -webkit-box-shadow:4px 4px  
4px 4px #0C660C; box-shadow:4px 4px 4px  
4px #0C660C }
```

Background

The CSS property to change the background color of an element to Hex 0C660C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C660C }
```

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

```
.background{ background-color:#0C660C }
```

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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