

Converting Colors

Hex(00640C)

Have a look what the booklet for
Hex(00640C) contains.

Hex(00640C)	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(00640C)

Conversions

Conversions Part 1

Format	Color
Hex	00640C
RGB	0, 100, 12
RGB Percent	0%, 39%, 5%
CMY	1.0000, 0.6078, 0.9529
CMYK	1.00, 0.00, 0.88, 0.61
HSL	127°, 100%, 20%
HSV	127°, 100%, 39%
XYZ	4.6235, 9.1409, 1.8685
YIQ	60.0680, -31.3520, -48.5680

Conversions

Conversions Part 2

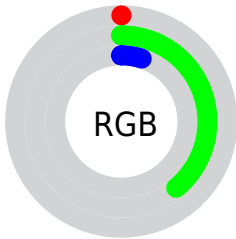
Format	Color
RYB	0, 89, 100
Decimal	25612
CIELab	36.25, -42.71, 38.51
CIELCh	36, 57.506, 137.964
Yxy	9.1409, 0.2958, 0.5847
Android (android.graphics.Color)	4278215692 (0xFF00640C)
YUV	60.0680, -23.6975, -52.6796
Hunter-Lab	30.2339, -25.6121, 17.4995

Details

The Hex color **00640C** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **640058**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **479840**, and **003400** is the 20% darker color. If you saturate the color by 10%, you get **00640C**, and if you desaturate by 10%, it is **0A6415**.

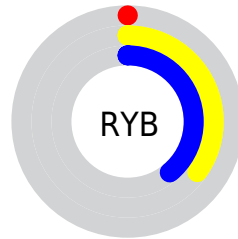
Distribution



Red (0%)

Green (39%)

Blue (5%)



Red (0%)

Yellow (35%)

Blue (39%)

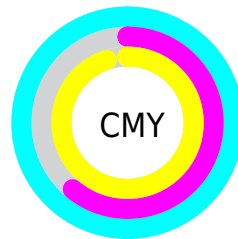


Cyan (100%)

Magenta (0%)

Yellow (88%)

Black (61%)



Cyan (100%)

Magenta (61%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00640C 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 00640C by changing the saturation by 10% instead.

 00640C

 00640C

FFFFFFC

 004B00

 479840

 003400

 63B359

 001E00

 7ECF72

 000000

 9AEC8C

 B6FFA7

 D3FFC3

 F0FFDF

 00640C

 0A6415

 14641E

 1E6426

 28642F

 326438

 3C6441

 46644A

 506452

 5A645B

Harmonies

Analogous

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



4E5C00



00640C



006840

Triad

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



00640C



0060B0



A51D3C

Complementary

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



00640C



640058

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.



9D1E6A



00640C



1451AE

Square

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



00640C



00679A



783A94



96360E

Rectangle

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



00640C



006961



783A94



A5184B

Sweetspot

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



00640C



5B8260



586400



2A422D



C2C2C2



424242

Same Dimension

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



00640C



008210



00643E



2E332F



00730E



00F21D

Inverse Universe

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



640058



820072



640026



332E32



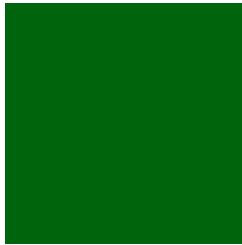
730065



F200D5

Previews

White Background



This preview shows how the Hex color 00640C looks on a white background.

Color Contrast Check

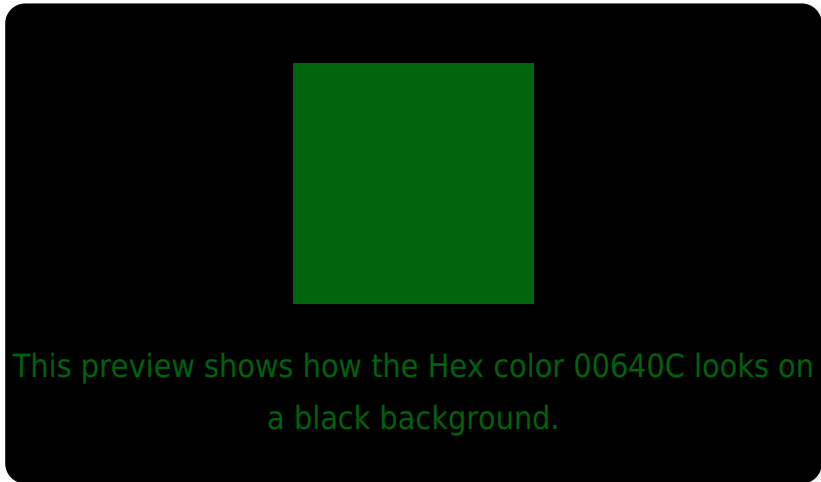
Large Text (above 18pt) WCAG AA ✓ Pass

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 00640C Background



This preview shows how black text looks on a background with the Hex color 00640C.



This preview shows how white text looks on a background with the Hex color 00640C.

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
00640C

Protanopia
605606

Deuteranopia
6B5118



Tritanopia
2A5D65

Trichromacy



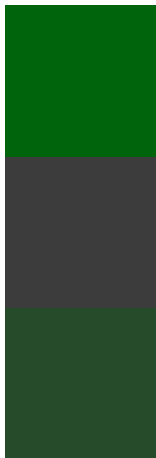
Original Color
00640C

Protanomaly
3D5B08

Deuteranomaly
445814

Tritanomaly
1B6045

Monochromacy



Original Color
00640C

Achromatopsia
3C3C3C

Achromatomaly
264B2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 00640C 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 #00640C looks like.

```
.text, #text, p{  
    color:#00640C  
}
```

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 #00640C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00640C
}
```

Border

The CSS property to change the border of an element to Hex 00640C 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
#00640C }
```

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

```
.border{ border-color:#00640C }
```

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

Here you see how a box with a 4 pixel #00640C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00640C; -webkit-box-shadow:4px 4px  
4px 4px #00640C; box-shadow:4px 4px 4px  
4px #00640C }
```

Background

The CSS property to change the background color of an element to Hex 00640C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00640C }
```

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

```
.background{ background-color:#00640C }
```

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