

Converting Colors

Hex(07612C)

Have a look what the booklet for
Hex(07612C) contains.

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Color

Hex(07612C)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 07612C |
| RGB | 7, 97, 44 |
| RGB Percent | 3%, 38%, 17% |
| CMY | 0.9725, 0.6196, 0.8275 |
| CMYK | 0.93, 0.00, 0.55, 0.62 |
| HSL | 145°, 87%, 20% |
| HSV | 145°, 93%, 38% |
| XYZ | 4.8169, 8.7764, 3.8230 |
| YIQ | 64.0480, -36.6270, -35.5630 |

Conversions

Conversions Part 2

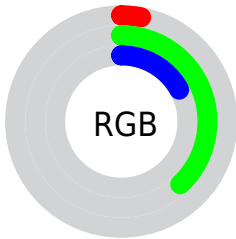
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 7, 71, 97 |
| Decimal | 483628 |
| CIELab | 35.55, -37.17, 23.39 |
| CIELCh | 36, 43.914, 147.818 |
| Yxy | 8.7764, 0.2766, 0.5039 |
| Android (android.graphics.Color) | 4278673708 (0xFF07612C) |
| YUV | 64.0480, -9.8837, -50.0311 |
| Hunter-Lab | 29.6250, -22.8202, 13.0863 |

Details

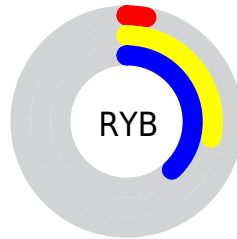
The Hex color **07612C** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **61073C**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **47955B**, and **003100** is the 20% darker color. If you saturate the color by 10%, you get **006128**, and if you desaturate by 10%, it is **116132**.

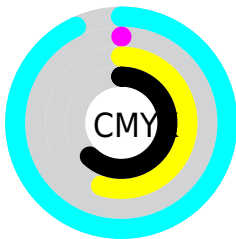
Distribution



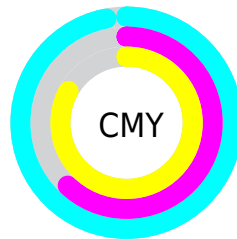
- Red (3%)
- Green (38%)
- Blue (17%)



- Red (3%)
- Yellow (28%)
- Blue (38%)



- Cyan (93%)
- Magenta (0%)
- Yellow (55%)
- Black (62%)



- Cyan (97%)
- Magenta (62%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 07612C 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 07612C by changing the saturation by 10% instead.

 07612C

 07612C

FFFFFF

 004916

 47955B

 003100

 62B074

 001C00

 7DCB8E

 000000

 98E8A8

 B4FFC4

 D1FFE0

 EEFFFC

 07612C

 07612C

■ 006128

■ 116132

■ 1A6137

■ 24613D

■ 2E6143

■ 376149

■ 41614E

■ 4B6154

■ 55615A

■ 5E615F

Harmonies

Analogous

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



455B0C



07612C



006450

Triad

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



07612C



00599A



913535

Complementary

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



07612C



61073C

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.



903058



07612C



4E4B92

Square

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



07612C



00608F



7B3B7A



814316

Rectangle

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



07612C



006468



7B3B7A



923240

Sweetspot

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



07612C



5A7D68



3D6107



2A4033



BFBFBF



404040

Same Dimension

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



07612C



007D33



076158



2C302E



00702E



00F063

Inverse Universe

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



61073C



7D004A



610710



302C2E



700042



F0008D

Previews

White Background



This preview shows how the Hex color 07612C looks on a white background.

Color Contrast Check

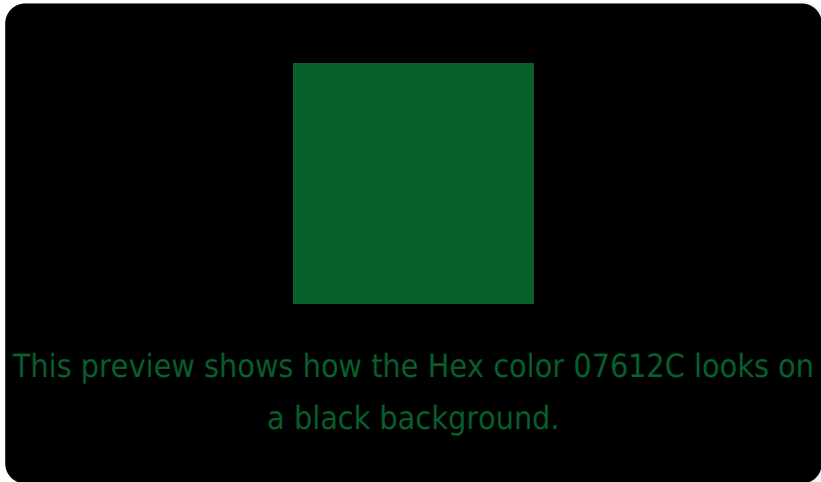
Large Text (above 18pt) WCAG AA ✓ Pass

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

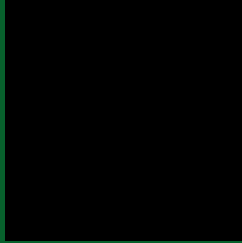
Any Text WCAG AA × Fail

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 07612C Background



This preview shows how black text looks on a background with the Hex color 07612C.



This preview shows how white text looks on a background with the Hex color 07612C.

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
07612C

Protanopia
5D5428

Deuteranopia
665031



Tritanopia
265B63

Trichromacy



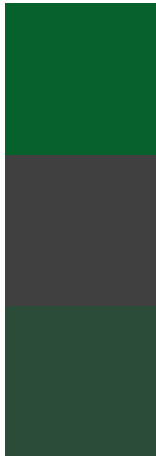
Original Color
07612C

Protanomaly
3E5929

Deuteranomaly
43562F

Tritanomaly
1B5D4F

Monochromacy



Original Color
07612C

Achromatopsia
404040

Achromatomaly
2B4C39

CSS Examples

Text

The CSS property to change the color of the text to Hex 07612C 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 #07612C looks like.

```
.text, #text, p{  
    color:#07612C  
}
```

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 #07612C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07612C
}
```

Border

The CSS property to change the border of an element to Hex 07612C 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
#07612C }
```

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

```
.border{ border-color:#07612C }
```

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

Here you see how a box with a 4 pixel #07612C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07612C; -webkit-box-shadow:4px 4px  
4px 4px #07612C; box-shadow:4px 4px 4px  
4px #07612C }
```

Background

The CSS property to change the background color of an element to Hex 07612C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07612C }
```

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

```
.background{ background-color:#07612C }
```

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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