

Converting Colors

Hex(0C723F)

Have a look what the booklet for
Hex(0C723F) contains.

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Color

Hex(0C723F)

Conversions

Conversions Part 1

Format	Color
Hex	0C723F
RGB	12, 114, 63
RGB Percent	5%, 45%, 25%
CMY	0.9529, 0.5529, 0.7529
CMYK	0.89, 0.00, 0.45, 0.55
HSL	150°, 81%, 25%
HSV	150°, 89%, 45%
XYZ	7.0661, 12.4717, 6.7375
YIQ	77.6880, -44.4210, -37.4850

Conversions

Conversions Part 2

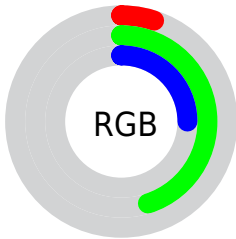
Format	Color
RYB	12, 80, 114
Decimal	815679
CIELab	41.96, -39.57, 20.82
CIElCh	42, 44.712, 152.250
Yxy	12.4717, 0.2689, 0.4747
Android (android.graphics.Color)	4279005759 (0xFF0C723F)
YUV	77.6880, -7.2412, -57.6084
Hunter-Lab	35.3153, -26.0861, 13.4093

Details

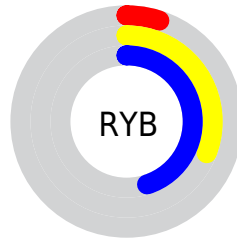
The Hex color **0C723F** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **720C3F**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **4EA76F**, and **004113** is the 20% darker color. If you saturate the color by 10%, you get **017239**, and if you desaturate by 10%, it is **177245**.

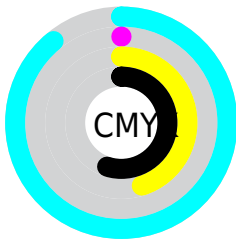
Distribution



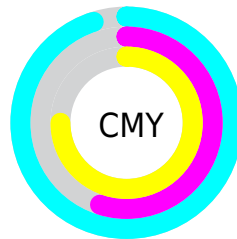
- Red (5%)
- Green (45%)
- Blue (25%)



- Red (5%)
- Yellow (31%)
- Blue (45%)



- Cyan (89%)
- Magenta (0%)
- Yellow (45%)
- Black (55%)



- Cyan (95%)
- Magenta (55%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C723F 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 0C723F by changing the saturation by 10% instead.



0C723F



0C723F

FFFFFF



005928



4EA76F



004113



69C289



002A00



85DFA3



000D00



A1FBBF



000000



BDFFDA



DAFFF7



F8FFFF



0C723F



0C723F

■ 017239

■ 177245

■ 007239

■ 23724A

■ 2E7250

■ 3A7256

■ 45725C

■ 507261

■ 5C7267

■ 67726D

■ 737272

Harmonies

Analogous

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



4E6C1F



0C723F



007565

Triad

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



0C723F



0066AD



A3463E

Complementary

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



0C723F



720C3F

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.



A44062



0C723F



6758A2

Square

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



0C723F



0070A4



924886



915420

Rectangle

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



0C723F



00747E



924886



A54249

Sweetspot

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



0C723F



6C9480



3F720C



324A3E



C9C9C9



4A4A4A

Same Dimension

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



0C723F



00944A



0C7272



323835



00783C



00F77C

Inverse Universe

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



720C3F



94004A



720C0C



383235



78003C



F7007C

Previews

White Background



This preview shows how the Hex color 0C723F 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

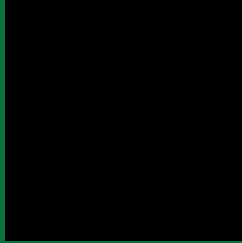
Any Text WCAG AA × Fail

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 0C723F Background



This preview shows how black text looks on a background with the Hex color 0C723F.



This preview shows how white text looks on a background with the Hex color 0C723F.

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
0C723F

Protanopia
6C6339

Deuteranopia
765E44



Tritanopia
2C6C75

Trichromacy



Original Color
0C723F



Protanomaly
49683B



Deuteranomaly
4F6542



Tritanomaly
206E61

Monochromacy



Original Color
0C723F



Achromatopsia
4E4E4E



Achromatomaly
365B49

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C723F 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 #0C723F looks like.

```
.text, #text, p{  
    color:#0C723F  
}
```

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 #0C723F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C723F
}
```

Border

The CSS property to change the border of an element to Hex 0C723F 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
#0C723F }
```

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

```
.border{ border-color:#0C723F }
```

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

Here you see how a box with a 4 pixel #0C723F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C723F; -webkit-box-shadow:4px 4px  
4px 4px #0C723F; box-shadow:4px 4px 4px  
4px #0C723F }
```

Background

The CSS property to change the background color of an element to Hex 0C723F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C723F }
```

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

```
.background{ background-color:#0C723F }
```

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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