

Converting Colors

Hex(0C7242)

Have a look what the booklet for
Hex(0C7242) contains.

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Color

Hex(0C7242)

Conversions

Conversions Part 1

Format	Color
Hex	0C7242
RGB	12, 114, 66
RGB Percent	5%, 45%, 26%
CMY	0.9529, 0.5529, 0.7412
CMYK	0.89, 0.00, 0.42, 0.55
HSL	152°, 81%, 25%
HSV	152°, 89%, 45%
XYZ	7.1523, 12.5061, 7.1912
YIQ	78.0300, -45.3840, -36.5520

Conversions

Conversions Part 2

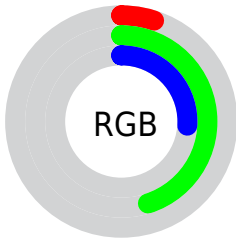
Format	Color
RYB	12, 79, 114
Decimal	815682
CIELab	42.01, -38.95, 19.17
CIELCh	42, 43.412, 153.791
Yxy	12.5061, 0.2664, 0.4658
Android (android.graphics.Color)	4279005762 (0xFF0C7242)
YUV	78.0300, -5.9308, -57.9083
Hunter-Lab	35.3640, -25.7858, 12.6983

Details

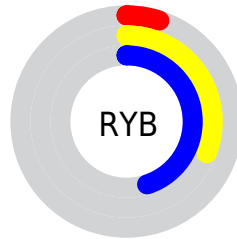
The Hex color **0C7242** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **720C3C**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **4EA772**, and **004116** is the 20% darker color. If you saturate the color by 10%, you get **01723D**, and if you desaturate by 10%, it is **177247**.

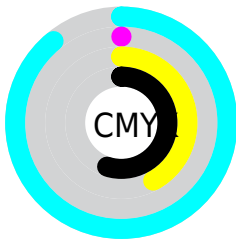
Distribution



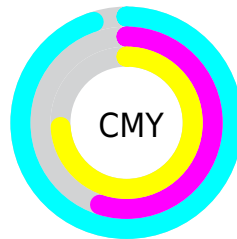
- Red (5%)
- Green (45%)
- Blue (26%)



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



- Cyan (89%)
- Magenta (0%)
- Yellow (42%)
- Black (55%)



- Cyan (95%)
- Magenta (55%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C7242 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 0C7242 by changing the saturation by 10% instead.



0C7242



0C7242

FFFFFF



00592B



4EA772



004116



69C28C



002A00



85DFA7



000D00



A1FBC2



000000



BDFFDE



DAFFFB



F7FFFF



0C7242



0C7242

■ 01723D

■ 177247

■ 00723C

■ 23724D

■ 2E7252

■ 3A7257

■ 45725D

■ 507262

■ 5C7268

■ 67726D

■ 737272

Harmonies

Analogous

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



4D6C23



0C7242



007467

Triad

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



0C7242



1366AB



A1483D

Complementary

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



0C7242



720C3C

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.



A34260



0C7242



6A589F

Square

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



0C7242



006FA3



924983



8F5621

Rectangle

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



0C7242



00747F



924983



A44448

Sweetspot

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



0C7242



6C9481



3D720C



324A3F



C9C9C9



4A4A4A

Same Dimension

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



0C7242



00944E



0C7072



323835



00783F



00F783

Inverse Universe

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



720C3C



940046



720E0C



383235



780038



F70074

Previews

White Background



This preview shows how the Hex color 0C7242 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 0C7242 Background



This preview shows how black text looks on a background with the Hex color 0C7242.



This preview shows how white text looks on a background with the Hex color 0C7242.

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
0C7242

Protanopia
6C633C

Deuteranopia
755F47



Tritanopia
2B6C75

Trichromacy



Original Color
0C7242



Protanomaly
49683E



Deuteranomaly
4F6645



Tritanomaly
206E62

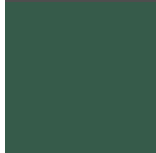
Monochromacy



Original Color
0C7242



Achromatopsia
4E4E4E



Achromatomaly
365B4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C7242 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 #0C7242 looks like.

```
.text, #text, p{  
    color:#0C7242  
}
```

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 #0C7242 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C7242
}
```

Border

The CSS property to change the border of an element to Hex 0C7242 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
#0C7242 }
```

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

```
.border{ border-color:#0C7242 }
```

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

Here you see how a box with a 4 pixel #0C7242 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C7242; -webkit-box-shadow:4px 4px  
4px 4px #0C7242; box-shadow:4px 4px 4px  
4px #0C7242 }
```

Background

The CSS property to change the background color of an element to Hex 0C7242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C7242 }
```

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

```
.background{ background-color:#0C7242 }
```

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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