

Converting Colors

Hex(0C6745)

Have a look what the booklet for
Hex(0C6745) contains.

Hex(0C6745)	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(0C6745)

Conversions

Conversions Part 1

Format	Color
Hex	0C6745
RGB	12, 103, 69
RGB Percent	5%, 40%, 27%
CMY	0.9529, 0.5961, 0.7294
CMYK	0.88, 0.00, 0.33, 0.60
HSL	158°, 79%, 23%
HSV	158°, 88%, 40%
XYZ	6.0760, 10.2083, 7.2804
YIQ	71.9150, -43.3220, -29.8660

Conversions

Conversions Part 2

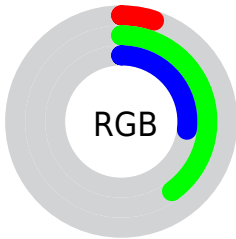
Format	Color
RYB	12, 68, 103
Decimal	812869
CIELab	38.21, -33.76, 12.30
CIELCh	38, 35.926, 159.986
Yxy	10.2083, 0.2578, 0.4332
Android (android.graphics.Color)	4279002949 (0xFF0C6745)
YUV	71.9150, -1.4371, -52.5455
Hunter-Lab	31.9505, -21.9679, 8.8552

Details

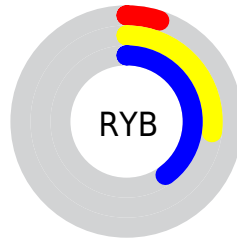
The Hex color **0C6745** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **670C2E**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **4B9B75**, and **00371A** is the 20% darker color. If you saturate the color by 10%, you get **026741**, and if you desaturate by 10%, it is **166749**.

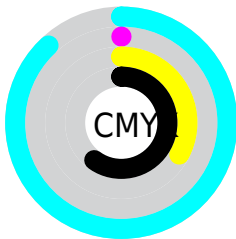
Distribution



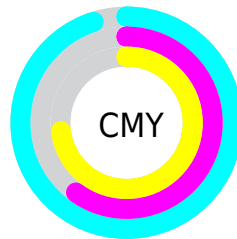
- Red (5%)
- Green (40%)
- Blue (27%)



- Red (5%)
- Yellow (27%)
- Blue (40%)



- Cyan (88%)
- Magenta (0%)
- Yellow (33%)
- Black (60%)



- Cyan (95%)
- Magenta (60%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C6745 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 0C6745 by changing the saturation by 10% instead.



0C6745



0C6745

FFFFFF



004E2F



4B9B75



00371A



66B68F



002300



81D2AA



000000



9CEEC5



B8FFE1



D5FFFD



F2FFFF



0C6745



0C6745

■ 026741

■ 166749

■ 006741

■ 21674D

■ 2B6751

■ 356754

■ 3F6758

■ 4A675C

■ 546760

■ 5E6764

■ 696768

Harmonies

Analogous

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



42632B



0C6745



006863

Triad

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



0C6745



375A93



8B4736

Complementary

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



0C6745



670C2E

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.



904051



0C6745



694E87

Square

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



0C6745



006290



85446F



7A5122

Rectangle

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



0C6745



006876



85446F



8E443F

Sweetspot

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



0C6745



63877A



2F670C



2F453D



C4C4C4



454545

Same Dimension

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



0C6745



008755



0C5C67



2E3331



007348



00F298

Inverse Universe

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



670C2E



870032



67170C



332E30



73002B



F2005B

Previews

White Background



This preview shows how the Hex color 0C6745 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

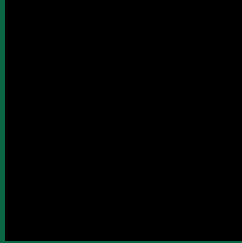
Any Text WCAG AA × Fail

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 0C6745 Background



This preview shows how black text looks on a background with the Hex color 0C6745.



This preview shows how white text looks on a background with the Hex color 0C6745.

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
0C6745

Protanopia
615A3F

Deuteranopia
685649



Tritanopia
25626A

Trichromacy



Original Color
0C6745



Protanomaly
425F41



Deuteranomaly
475C48



Tritanomaly
1C645D

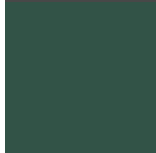
Monochromacy



Original Color
0C6745



Achromatopsia
484848



Achromatomaly
325347

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C6745 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 #0C6745 looks like.

```
.text, #text, p{  
    color:#0C6745  
}
```

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 #0C6745 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C6745
}
```

Border

The CSS property to change the border of an element to Hex 0C6745 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
#0C6745 }
```

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

```
.border{ border-color:#0C6745 }
```

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

Here you see how a box with a 4 pixel #0C6745 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C6745; -webkit-box-shadow:4px 4px  
4px 4px #0C6745; box-shadow:4px 4px 4px  
4px #0C6745 }
```

Background

The CSS property to change the background color of an element to Hex 0C6745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C6745 }
```

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

```
.background{ background-color:#0C6745 }
```

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