

Converting Colors

Hex(0D6845)

Have a look what the booklet for
Hex(0D6845) contains.

Hex(0D6845)	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(0D6845)

Conversions

Conversions Part 1

Format	Color
Hex	0D6845
RGB	13, 104, 69
RGB Percent	5%, 41%, 27%
CMY	0.9490, 0.5922, 0.7294
CMYK	0.87, 0.00, 0.34, 0.59
HSL	157°, 78%, 23%
HSV	157°, 88%, 41%
XYZ	6.1905, 10.4159, 7.3144
YIQ	72.8010, -43.0010, -30.1770

Conversions

Conversions Part 2

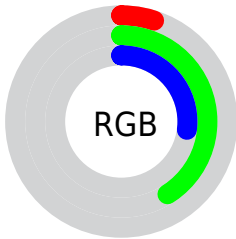
Format	Color
RYB	13, 69, 104
Decimal	878661
CIELab	38.58, -34.08, 12.80
CIELCh	39, 36.406, 159.417
Yxy	10.4159, 0.2588, 0.4354
Android (android.graphics.Color)	4279068741 (0xFF0D6845)
YUV	72.8010, -1.8739, -52.4455
Hunter-Lab	32.2736, -22.2404, 9.1542

Details

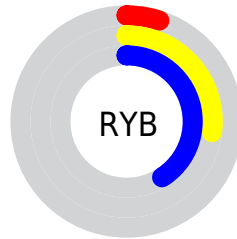
The Hex color **0D6845** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **680D30**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **4B9C75**, and **003819** is the 20% darker color. If you saturate the color by 10%, you get **036841**, and if you desaturate by 10%, it is **176849**.

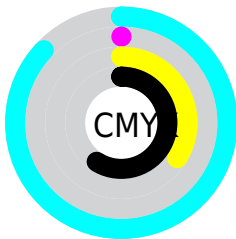
Distribution



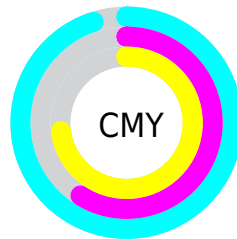
- Red (5%)
- Green (41%)
- Blue (27%)



- Red (5%)
- Yellow (27%)
- Blue (41%)



- Cyan (87%)
- Magenta (0%)
- Yellow (34%)
- Black (59%)



- Cyan (95%)
- Magenta (59%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D6845 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 0D6845 by changing the saturation by 10% instead.

 0D6845

 0D6845

FFFFFF

 004F2F

 4B9C75

 003819

 66B78F

 002300

 81D3AA

 000000

 9DF0C5

 B9FFE1

 D6FFFE

 F3FFFF

 0D6845

 0D6845

■ 036841

■ 176849

■ 006840

■ 22684D

■ 2C6851

■ 376855

■ 416859

■ 4B685D

■ 566861

■ 606865

■ 6B6869

Harmonies

Analogous

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



43642B



0D6845



006964

Triad

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



0D6845



365B95



8D4737

Complementary

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



0D6845



680D30

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.



914153



0D6845



694F89

Square

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



0D6845



006492



864470



7C5222

Rectangle

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



0D6845



006977



864470



904440

Sweetspot

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



0D6845



64877A



31680D



30453D



C4C4C4



454545

Same Dimension

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



0D6845



008753



0D5F68



2E3331



007347



00F295

Inverse Universe

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



680D30



870034



68160D



332E30



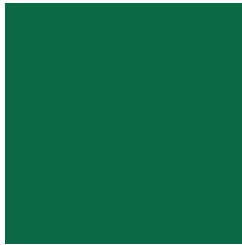
73002C



F2005D

Previews

White Background



This preview shows how the Hex color 0D6845 looks on a white background.

Color Contrast Check

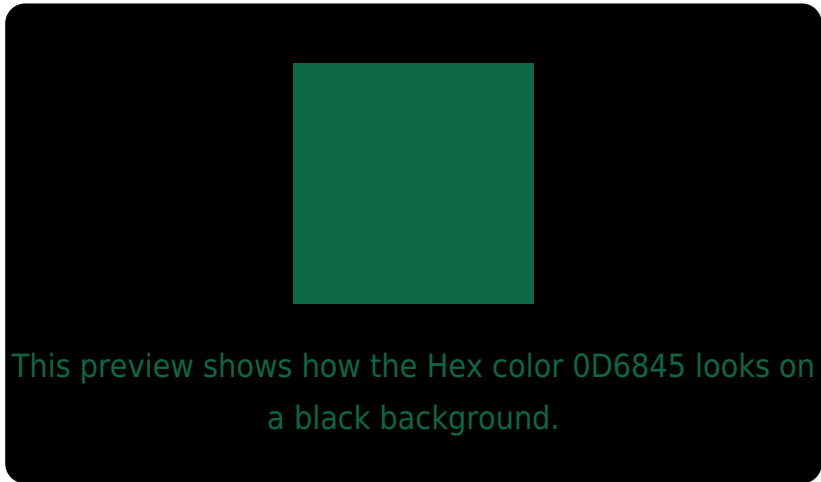
Large Text (above 18pt) WCAG AA ✓ Pass

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

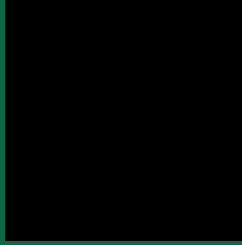
Any Text WCAG AA × Fail

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 0D6845 Background



This preview shows how black text looks on a background with the Hex color 0D6845.



This preview shows how white text looks on a background with the Hex color 0D6845.

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
0D6845

Protanopia
625A3F

Deuteranopia
695749



Tritanopia
26636B

Trichromacy



Original Color
0D6845



Protanomaly
435F41



Deuteranomaly
485D48



Tritanomaly
1D655D

Monochromacy



Original Color
0D6845



Achromatopsia
494949



Achromatomaly
335448

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D6845 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 #0D6845 looks like.

```
.text, #text, p{  
    color:#0D6845  
}
```

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 #0D6845 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D6845
}
```

Border

The CSS property to change the border of an element to Hex 0D6845 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
#0D6845 }
```

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

```
.border{ border-color:#0D6845 }
```

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

Here you see how a box with a 4 pixel #0D6845 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D6845; -webkit-box-shadow:4px 4px  
4px 4px #0D6845; box-shadow:4px 4px 4px  
4px #0D6845 }
```

Background

The CSS property to change the background color of an element to Hex 0D6845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D6845 }
```

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

```
.background{ background-color:#0D6845 }
```

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