

Converting Colors

Hex(0C6D36)

Have a look what the booklet for
Hex(0C6D36) contains.

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Color

Hex(0C6D36)

Conversions

Conversions Part 1

Format	Color
Hex	0C6D36
RGB	12, 109, 54
RGB Percent	5%, 43%, 21%
CMY	0.9529, 0.5725, 0.7882
CMYK	0.89, 0.00, 0.50, 0.57
HSL	146°, 80%, 24%
HSV	146°, 89%, 43%
XYZ	6.2861, 11.2818, 5.3363
YIQ	73.7270, -40.1570, -37.6690

Conversions

Conversions Part 2

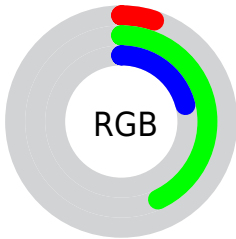
Format	Color
RYB	12, 80, 109
Decimal	814390
CIELab	40.05, -39.40, 23.45
CIElCh	40, 45.848, 149.240
Yxy	11.2818, 0.2745, 0.4926
Android (android.graphics.Color)	4279004470 (0xFF0C6D36)
YUV	73.7270, -9.7254, -54.1346
Hunter-Lab	33.5884, -25.3731, 14.0922

Details

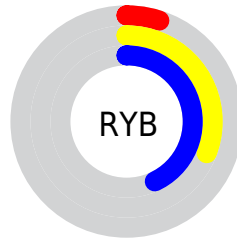
The Hex color **0C6D36** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6D0C43**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **4CA266**, and **003C09** is the 20% darker color. If you saturate the color by 10%, you get **016D30**, and if you desaturate by 10%, it is **176D3C**.

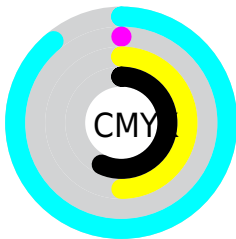
Distribution



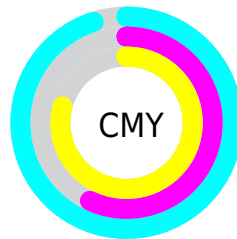
- Red (5%)
- Green (43%)
- Blue (21%)



- Red (5%)
- Yellow (31%)
- Blue (43%)



- Cyan (89%)
- Magenta (0%)
- Yellow (50%)
- Black (57%)



- Cyan (95%)
- Magenta (57%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C6D36 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 0C6D36 by changing the saturation by 10% instead.



0C6D36



0C6D36

FFFFFF



005420



4CA266



003C09



68BD7F



002700



83D999



000000



9FF6B4



BBFFD0



D8FFEC



F5FFFF



0C6D36



0C6D36

■ 016D30

■ 176D3C

■ 006D2F

■ 226D42

■ 2D6D49

■ 386D4F

■ 436D55

■ 4D6D5B

■ 586D61

■ 636D67

■ 6E6D6E

Harmonies

Analogous

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



4D6715



0C6D36



00705C

Triad

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



0C6D36



0063A9



9F3F3C

Complementary

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



0C6D36



6D0C43

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.



A03A61



0C6D36



5C55A0

Square

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



0C6D36



006C9E



8A4485



8F4E1C

Rectangle

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



0C6D36



007076



8A4485



A23B48

Sweetspot

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



0C6D36



688F79



456D0C



31473A



C7C7C7



474747

Same Dimension

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



0C6D36



008F3E



0C6D65



303633



007533



00F56A

Inverse Universe

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



6D0C43



8F0051



6D0C14



363033



750043



F5008B

Previews

White Background



This preview shows how the Hex color 0C6D36 looks on a white background.

Color Contrast Check

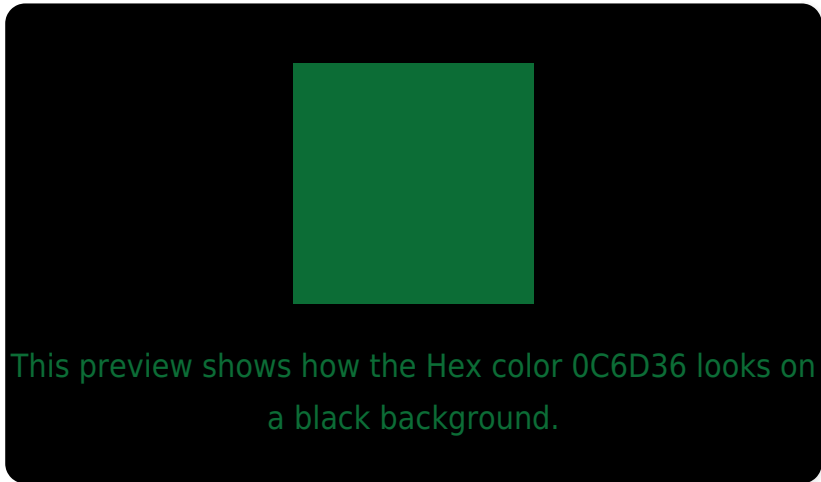
Large Text (above 18pt) WCAG AA ✓ Pass

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 0C6D36 Background



This preview shows how black text looks on a background with the Hex color 0C6D36.



This preview shows how white text looks on a background with the Hex color 0C6D36.

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
0C6D36

Protanopia
685E31

Deuteranopia
725A3B



Tritanopia
2B676F

Trichromacy



Original Color
0C6D36



Protanomaly
476333



Deuteranomaly
4D6139



Tritanomaly
20695A

Monochromacy



Original Color
0C6D36



Achromatopsia
4A4A4A



Achromatomaly
335743

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C6D36 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 #0C6D36 looks like.

```
.text, #text, p{  
    color:#0C6D36  
}
```

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 #0C6D36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C6D36
}
```

Border

The CSS property to change the border of an element to Hex 0C6D36 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
#0C6D36 }
```

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

```
.border{ border-color:#0C6D36 }
```

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

Here you see how a box with a 4 pixel #0C6D36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C6D36; -webkit-box-shadow:4px 4px  
4px 4px #0C6D36; box-shadow:4px 4px 4px  
4px #0C6D36 }
```

Background

The CSS property to change the background color of an element to Hex 0C6D36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C6D36 }
```

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

```
.background{ background-color:#0C6D36 }
```

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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