

Converting Colors

Hex(0D6655)

Have a look what the booklet for
Hex(0D6655) contains.

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Color

Hex(0D6655)

Conversions

Conversions Part 1

Format	Color
Hex	0D6655
RGB	13, 102, 85
RGB Percent	5%, 40%, 33%
CMY	0.9490, 0.6000, 0.6667
CMYK	0.87, 0.00, 0.17, 0.60
HSL	169°, 77%, 23%
HSV	169°, 87%, 40%
XYZ	6.5570, 10.2442, 10.2261
YIQ	73.4510, -47.5870, -24.1550

Conversions

Conversions Part 2

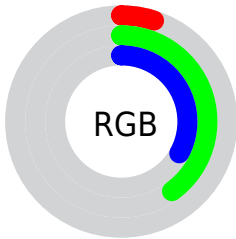
Format	Color
RYB	13, 62, 102
Decimal	878165
CIELab	38.28, -28.89, 2.67
CIElCh	38, 29.011, 174.717
Yxy	10.2442, 0.2426, 0.3790
Android (android.graphics.Color)	4279068245 (0xFF0D6655)
YUV	73.4510, 5.6937, -53.0155
Hunter-Lab	32.0065, -19.4429, 3.4615

Details

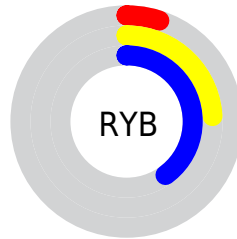
The Hex color **0D6655** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **660D1E**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **4C9A87**, and **003628** is the 20% darker color. If you saturate the color by 10%, you get **036653**, and if you desaturate by 10%, it is **176657**.

Distribution



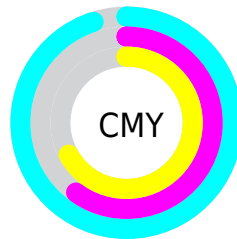
- Red (5%)
- Green (40%)
- Blue (33%)



- Red (5%)
- Yellow (24%)
- Blue (40%)



- Cyan (87%)
- Magenta (0%)
- Yellow (17%)
- Black (60%)



- Cyan (95%)
- Magenta (60%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D6655 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 0D6655 by changing the saturation by 10% instead.



0D6655



0D6655

FFFFFF



004E3E



4C9A87



003628



67B5A1



002214



82D0BC



000000



9DEDD7



BAFFF4



D6FFFF



F3FFFF



0D6655



0D6655

■ 036653

■ 176657

■ 006653

■ 216659

■ 2C665B

■ 36665D

■ 40665F

■ 4A6661

■ 546663

■ 5F6665

■ 696667

Harmonies

Analogous

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



39643E



0D6655



00666D

Triad

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



0D6655



565685



7E4F34

Complementary

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



0D6655



660D1E

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.



874848



0D6655



734D76

Square

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



0D6655



2A5E89



84475F



6C572B

Rectangle

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



0D6655



00657A



84475F



824C3A

Sweetspot

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



0D6655



62857E



1F660D



2E423E



C2C2C2



424242

Same Dimension

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



0D6655



00856B



0D4B66



2E3332



00735D



00F2C4

Inverse Universe

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



660D1E



850019



66280D



332E2F



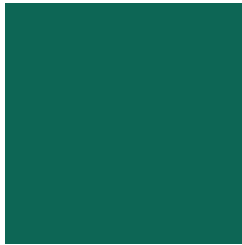
730016



F2002E

Previews

White Background



This preview shows how the Hex color 0D6655 looks on a white background.

Color Contrast Check

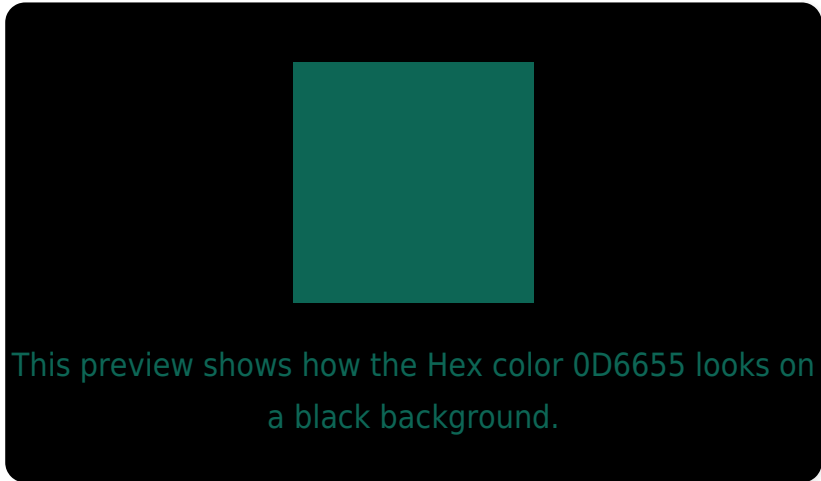
Large Text (above 18pt) WCAG AA ✓ Pass

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

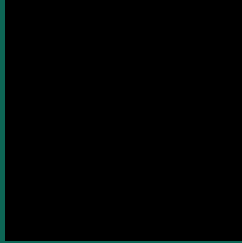
Any Text WCAG AA × Fail

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 0D6655 Background



This preview shows how black text looks on a background with the Hex color 0D6655.



This preview shows how white text looks on a background with the Hex color 0D6655.

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
0D6655

Protanopia
5E5A4E

Deuteranopia
635758



Tritanopia
1F636B

Trichromacy



Original Color
0D6655

Protanomaly
415E51

Deuteranomaly
445C57

Tritanomaly
186463

Monochromacy



Original Color
0D6655

Achromatopsia
494949

Achromatomaly
33544D

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D6655 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 #0D6655 looks like.

```
.text, #text, p{  
    color:#0D6655  
}
```

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 #0D6655 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D6655
}
```

Border

The CSS property to change the border of an element to Hex 0D6655 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
#0D6655 }
```

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

```
.border{ border-color:#0D6655 }
```

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

Here you see how a box with a 4 pixel #0D6655 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D6655; -webkit-box-shadow:4px 4px  
4px 4px #0D6655; box-shadow:4px 4px 4px  
4px #0D6655 }
```

Background

The CSS property to change the background color of an element to Hex 0D6655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D6655 }
```

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

```
.background{ background-color:#0D6655 }
```

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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