

# Converting Colors

Hex(0B6255)

Have a look what the booklet for  
Hex(0B6255) contains.

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# Color

Hex(0B6255)

# Conversions

## Conversions Part 1

Format	Color
Hex	0B6255
RGB	11, 98, 85
RGB Percent	4%, 38%, 33%
CMY	0.9569, 0.6157, 0.6667
CMYK	0.89, 0.00, 0.13, 0.62
HSL	171°, 80%, 21%
HSV	171°, 89%, 38%
XYZ	6.1454, 9.4624, 10.0969
YIQ	70.5050, -47.6790, -22.4870

# Conversions

## Conversions Part 2

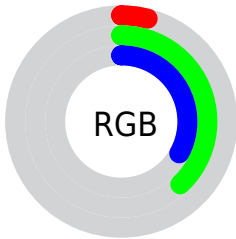
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	11, 58, 98
Decimal	746069
CIE <sub>Lab</sub>	36.86, -27.16, 0.61
CIE <sub>LCh</sub>	37, 27.169, 178.710
Yxy	9.4624, 0.2391, 0.3681
Android (android.graphics.Color)	4278936149 (0xFF0B6255)
YUV	70.5050, 7.1460, -52.1859
Hunter-Lab	30.7610, -18.1713, 2.0716

# Details

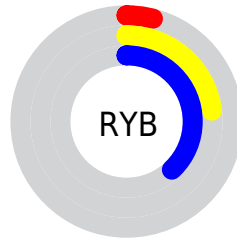
The Hex color **0B6255** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **620B18**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **4A9587**, and **003328** is the 20% darker color. If you saturate the color by 10%, you get **016254**, and if you desaturate by 10%, it is **156256**.

# Distribution



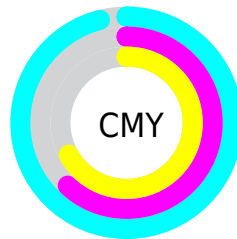
- Red (4%)
- Green (38%)
- Blue (33%)



- Red (4%)
- Yellow (23%)
- Blue (38%)



- Cyan (89%)
- Magenta (0%)
- Yellow (13%)
- Black (62%)



- Cyan (96%)
- Magenta (62%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0B6255 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 0B6255 by changing the saturation by 10% instead.



 0B6255

 0B6255

FFFFFF

 004A3E

 4A9587

 003328

 65B0A1

 001F14

 80CCBC

 000000

 9BE8D7

 B8FFF4

 D4FFFF

 F1FFFF

 0B6255

 0B6255

■ 016254

■ 156256

■ 006253

■ 1F6258

■ 286259

■ 32625B

■ 3C625C

■ 46625E

■ 50625F

■ 596261

■ 636262

# Harmonies

## Analogous

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



34603F



0B6255



00626B

# Triad

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



0B6255



57517D



764D32

# Complementary

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



0B6255



620B18

# 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.



804743



0B6255



71496E

# Square

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



0B6255



325982



7F4559



65552A

# Rectangle

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



0B6255



006077



7F4559



7B4B37



# Sweetspot

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



0B6255



5D807A



18620B



2B403D



BFBFBF



404040



# Same Dimension

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



0B6255



00806C



0B4462



2C3030



00705F



00F0CC



# Inverse Universe

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



620B18



800013



62290B



302C2C



700011

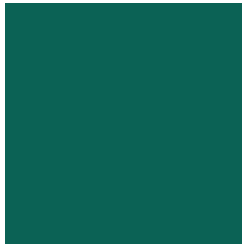


F00024



# Previews

## White Background



This preview shows how the Hex color 0B6255 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 ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

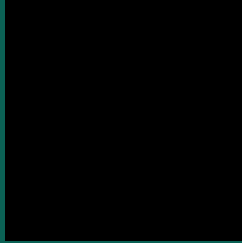
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0B6255 Background



This preview shows how black text looks on a background with the Hex color 0B6255.



This preview shows how white text looks on a background with the Hex color 0B6255.

# 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**  
0B6255

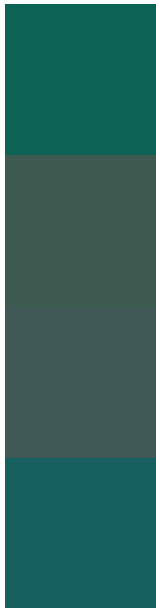
**Protanopia**  
5A564F

**Deuteranopia**  
5E5458



**Tritanopia**  
1C5F67

# Trichromacy



**Original Color**  
0B6255

**Protanomaly**  
3D5A51

**Deuteranomaly**  
405957

**Tritanomaly**  
166060

# Monochromacy



**Original Color**  
0B6255

**Achromatopsia**  
474747

**Achromatomaly**  
31514C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0B6255 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 #0B6255 looks like.

```
.text, #text, p{  
    color:#0B6255  
}
```

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 #0B6255 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B6255
}
```

## Border

The CSS property to change the border of an element to Hex 0B6255 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
#0B6255 }
```

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

```
.border{ border-color:#0B6255 }
```

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

Here you see how a box with a 4 pixel #0B6255 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B6255; -webkit-box-shadow:4px 4px  
4px 4px #0B6255; box-shadow:4px 4px 4px  
4px #0B6255 }
```

# Background

The CSS property to change the background color of an element to Hex 0B6255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B6255 }
```

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

```
.background{ background-color:#0B6255 }
```

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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