

# Converting Colors

Hex(0B5B55)

Have a look what the booklet for  
Hex(0B5B55) contains.

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# Color

Hex(0B5B55)

# Conversions

## Conversions Part 1

Format	Color
Hex	0B5B55
RGB	11, 91, 85
RGB Percent	4%, 36%, 33%
CMY	0.9569, 0.6431, 0.6667
CMYK	0.88, 0.00, 0.07, 0.64
HSL	176°, 78%, 20%
HSV	176°, 88%, 36%
XYZ	5.5188, 8.2092, 9.8880
YIQ	66.3960, -45.7540, -18.8260

# Conversions

## Conversions Part 2

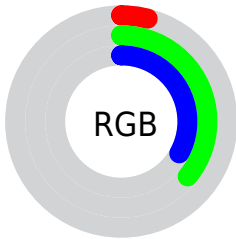
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	11, 53, 91
Decimal	744277
CIE Lab	34.41, -23.69, -2.98
CIE LCh	34, 23.877, 187.158
Yxy	8.2092, 0.2337, 0.3476
Android (android.graphics.Color)	4278934357 (0xFF0B5B55)
YUV	66.3960, 9.1718, -48.5823
Hunter-Lab	28.6517, -15.7584, -0.4054

# Details

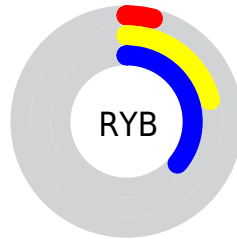
The Hex color **0B5B55** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5B0B11**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **488E87**, and **002C28** is the 20% darker color. If you saturate the color by 10%, you get **025B54**, and if you desaturate by 10%, it is **145B56**.

# Distribution



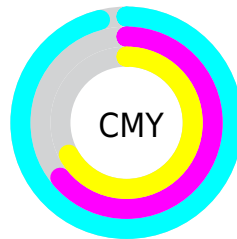
- Red (4%)
- Green (36%)
- Blue (33%)



- Red (4%)
- Yellow (21%)
- Blue (36%)



- Cyan (88%)
- Magenta (0%)
- Yellow (7%)
- Black (64%)



- Cyan (96%)
- Magenta (64%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0B5B55 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 0B5B55 by changing the saturation by 10% instead.





0B5B55



0B5B55

FFFFFF



00433E



488E87



002C28



63A8A1



001914



7EC4BC



000000



99E0D7



B5FCF4



D2FFFF



FFFFFF



0B5B55



0B5B55

■ 025B54

■ 145B56

■ 005B54

■ 1D5B56

■ 265B57

■ 2F5B58

■ 395B58

■ 425B59

■ 4B5B5A

■ 545B5A

■ 5D5B5B

# Harmonies

## Analogous

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



2C5A42



0B5B55



005A67

# Triad

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



0B5B55



594A6F



694B2E

# Complementary

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



0B5B55



5B0B11

# 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.



74453B



0B5B55



6C4460

# Square

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



0B5B55



3C5176



75424D



59512B

# Rectangle

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



0B5B55



035870



75424D



6D4932



# Sweetspot

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



0B5B55



577573



125B0B



283B39



BABABA



3B3B3B



# Same Dimension

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



0B5B55



00756D



0B3A5B



292E2E



006E65



00EDDB



# Inverse Universe

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



5B0B11



750009



5B2C0B



2E292A



6E0008



ED0012



# Previews

## White Background



This preview shows how the Hex color 0B5B55 looks on a white background.

### Color Contrast Check

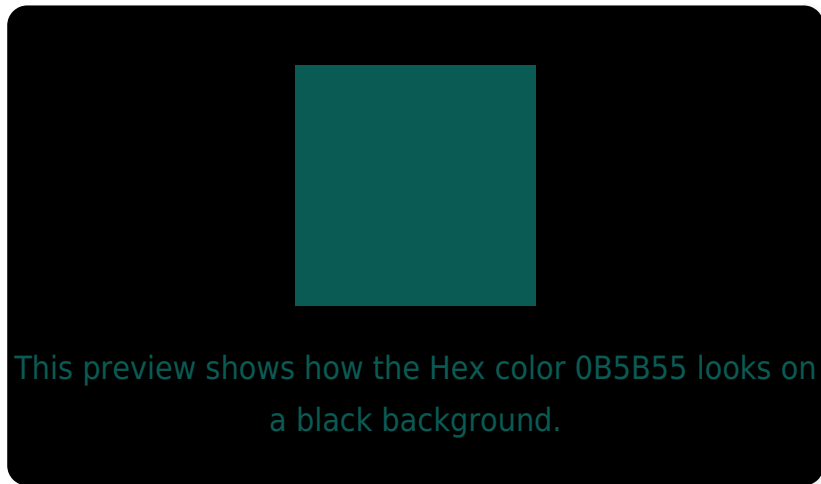
Large Text (above 18pt) WCAG AA ✓ Pass

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

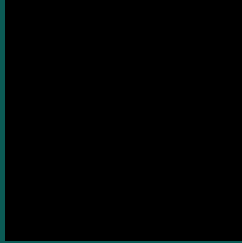
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0B5B55 Background



This preview shows how black text looks on a background with the Hex color 0B5B55.

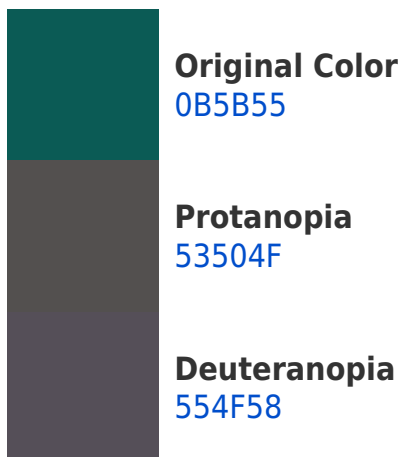



This preview shows how white text looks on a background with the Hex color 0B5B55.

# 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](#).

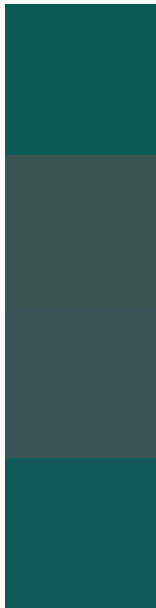
## Dichromacy





**Tritanopia**  
175961

# Trichromacy



**Original Color**  
0B5B55

**Protanomaly**  
395451

**Deuteranomaly**  
3A5357

**Tritanomaly**  
135A5D

# Monochromacy



**Original Color**  
0B5B55

**Achromatopsia**  
424242

**Achromatomaly**  
2E4B49

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0B5B55 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 #0B5B55 looks like.

```
.text, #text, p{  
    color:#0B5B55  
}
```

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 #0B5B55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B5B55
}
```

## Border

The CSS property to change the border of an element to Hex 0B5B55 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
#0B5B55 }
```

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

```
.border{ border-color:#0B5B55 }
```

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

Here you see how a box with a 4 pixel #0B5B55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B5B55; -webkit-box-shadow:4px 4px  
4px 4px #0B5B55; box-shadow:4px 4px 4px  
4px #0B5B55 }
```

# Background

The CSS property to change the background color of an element to Hex 0B5B55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B5B55 }
```

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

```
.background{ background-color:#0B5B55 }
```

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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