

# Converting Colors

Hex(006B58)

Have a look what the booklet for  
Hex(006B58) contains.

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**Color**

**Hex(006B58)**

# Conversions

## Conversions Part 1

Format	Color
Hex	006B58
RGB	0, 107, 88
RGB Percent	0%, 42%, 35%
CMY	1.0000, 0.5804, 0.6549
CMYK	1.00, 0.00, 0.18, 0.58
HSL	169°, 100%, 21%
HSV	169°, 100%, 42%
XYZ	7.0191, 11.2200, 11.0282
YIQ	72.8410, -57.6730, -28.5930

# Conversions

## Conversions Part 2

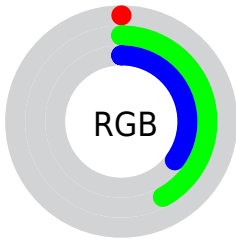
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 59, 107
Decimal	27480
CIELab	39.95, -31.38, 3.24
CIELCh	40, 31.550, 174.114
Yxy	11.2200, 0.2398, 0.3834
Android (android.graphics.Color)	4278217560 (0xFF006B58)
YUV	72.8410, 7.4734, -63.8816
Hunter-Lab	33.4962, -21.2137, 3.9268

# Details

The Hex color **006B58** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6B0013**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **499F8A**, and **003B2B** is the 20% darker color. If you saturate the color by 10%, you get **006B58**, and if you desaturate by 10%, it is **0B6B5A**.

# Distribution



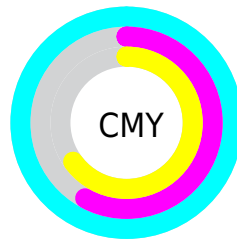
- Red (0%)
- Green (42%)
- Blue (35%)



- Red (0%)
- Yellow (23%)
- Blue (42%)



- Cyan (100%)
- Magenta (0%)
- Yellow (18%)
- Black (58%)



- Cyan (100%)
- Magenta (58%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 006B58 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 006B58 by changing the saturation by 10% instead.



 006B58

 006B58

FFFFFF

 005241

 499F8A

 003B2B

 64BAA4

 002516

 80D6BF

 000000

 9CF3DB

 B8FFF7

 D5FFFF

 F2FFFF

 006B58

 0B6B5A

 156B5C

 206B5E

 2B6B60

 366B62

 406B63

 4B6B65

 566B67

 606B69

# Harmonies

## Analogous

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



3A683F



006B58



006B72

# Triad

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



006B58



58598D



855235

# Complementary

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



006B58



6B0013

# 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.



8F4A4B



006B58



79507D

# Square

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



006B58



246291



8B4964



725B2A

# Rectangle

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



006B58



006A81



8B4964



894F3B



# Sweetspot

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



006B58



628C85



146B00



2E4743



C7C7C7



474747



# Same Dimension

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



006B58



008C73



00496B



303635



007560



00F5C9



# Inverse Universe

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



6B0013



8C0019



6B2200



363031



750015



F5002B



# Previews

## White Background



This preview shows how the Hex color 006B58 looks on a white background.

## Color Contrast Check

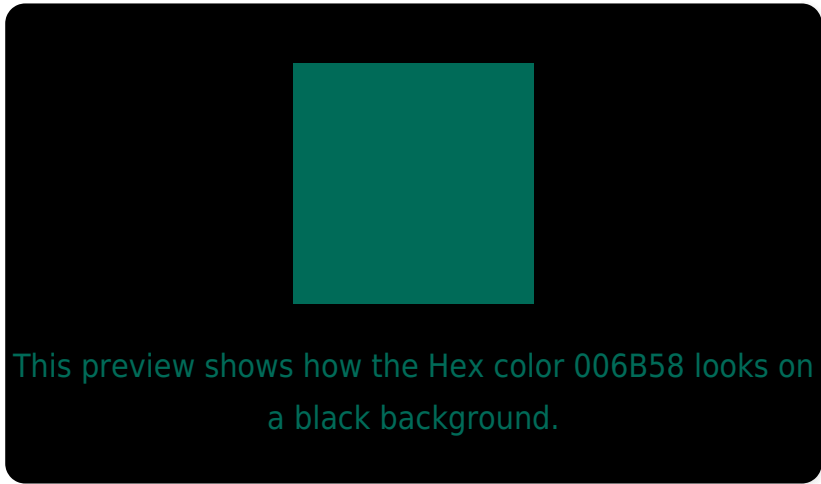
Large Text (above 18pt) WCAG AA ✓ Pass

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

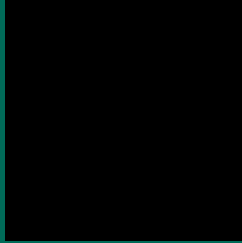
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 006B58 Background



This preview shows how black text looks on a background with the Hex color 006B58.

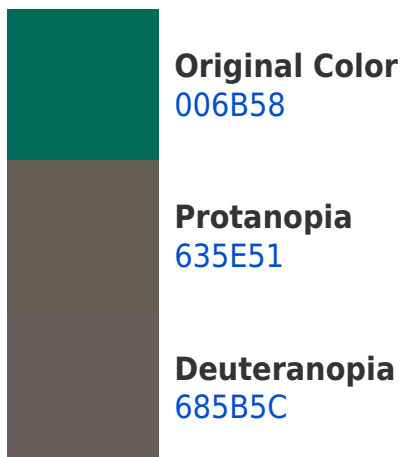


This preview shows how white text looks on a background with the Hex color 006B58.

# 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**  
1F6870

# Trichromacy



**Original Color**  
006B58

**Protanomaly**  
3F6354

**Deuteranomaly**  
42615B

**Tritanomaly**  
146967

# Monochromacy



**Original Color**  
006B58

**Achromatopsia**  
494949

**Achromatomaly**  
2E554E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 006B58 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 #006B58 looks like.

```
.text, #text, p{  
    color:#006B58  
}
```

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 #006B58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006B58
}
```

## Border

The CSS property to change the border of an element to Hex 006B58 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
#006B58 }
```

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

```
.border{ border-color:#006B58 }
```

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

Here you see how a box with a 4 pixel #006B58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006B58; -webkit-box-shadow:4px 4px  
4px 4px #006B58; box-shadow:4px 4px 4px  
4px #006B58 }
```

# Background

The CSS property to change the background color of an element to Hex 006B58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006B58 }
```

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

```
.background{ background-color:#006B58 }
```

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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