

# Converting Colors

Hex(006250)

Have a look what the booklet for  
Hex(006250) contains.

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# Color

**Hex(006250)**

# Conversions

## Conversions Part 1

Format	Color
Hex	006250
RGB	0, 98, 80
RGB Percent	0%, 38%, 31%
CMY	1.0000, 0.6157, 0.6863
CMYK	1.00, 0.00, 0.18, 0.62
HSL	169°, 100%, 19%
HSV	169°, 100%, 38%
XYZ	5.8157, 9.3146, 9.0808
YIQ	66.6460, -52.6300, -26.3740

# Conversions

## Conversions Part 2

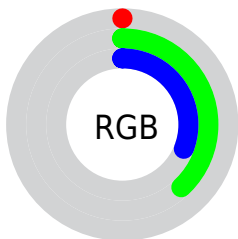
Format	Color
<a href="#">RYB</a>	<a href="#">0, 54, 98</a>
Decimal	<a href="#">25168</a>
CIELab	<a href="#">36.58, -29.62, 3.28</a>
CIELCh	<a href="#">37, 29.806, 173.684</a>
Yxy	<a href="#">9.3146, 0.2402, 0.3847</a>
Android (android.graphics.Color)	<a href="#">4278215248</a> (0xFF006250)
YUV	<a href="#">66.6460, 6.5835, -58.4485</a>
Hunter-Lab	<a href="#">30.5198, -19.3957, 3.7228</a>

# Details

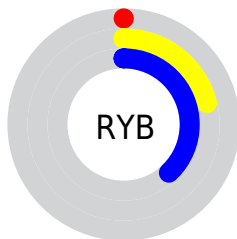
The Hex color **006250** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **620012**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **469581**, and **003224** is the 20% darker color. If you saturate the color by 10%, you get **006250**, and if you desaturate by 10%, it is **0A6252**.

# Distribution



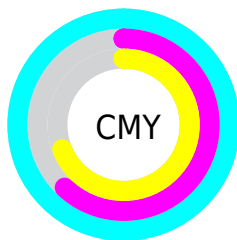
- Red (0%)
- Green (38%)
- Blue (31%)



- Red (0%)
- Yellow (21%)
- Blue (38%)



- Cyan (100%)
- Magenta (0%)
- Yellow (18%)
- Black (62%)



- Cyan (100%)
- Magenta (62%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 006250 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 006250 by changing the saturation by 10% instead.



 006250

 006250

FFFFFF

 004A39

 469581

 003224

 61B09B

 001F0E

 7CCCB6

 000000

 98E8D2

 B4FFEE

 D0FFFF

 EDFFFF

 006250

■ 0A6252

■ 146254

■ 1D6255

■ 276257

■ 316259

■ 3B625B

■ 45625D

■ 4E625E

■ 586260

# Harmonies

## Analogous

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



355F39



006250



006269

# Triad

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



006250



505282



7A4A30

# Complementary

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



006250



620012

# 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.



834344



006250



6F4973

# Square

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



006250



1E5A85



80435C



695325

# Rectangle

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



006250



006176



80435C



7E4836



# Sweetspot

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



006250



598078



146200



29403C



BFBFBF



404040



# Same Dimension

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



006250



008068



004562



2C3030



00705C



00F0C4



# Inverse Universe

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



620012



800017



621D00



302C2C



700015



F0002C



# Previews

## White Background



This preview shows how the Hex color 006250 looks on a white background.

## Color Contrast Check

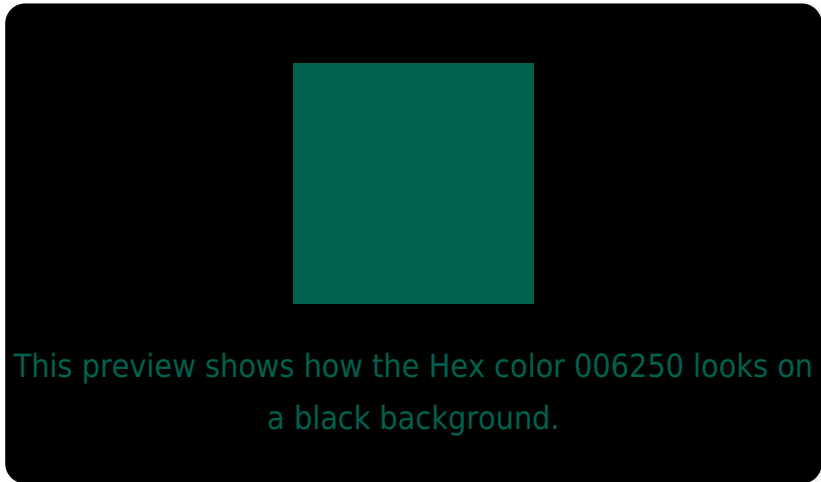
Large Text (above 18pt) WCAG AA ✓ Pass

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

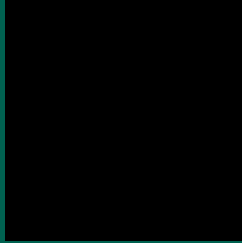
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 006250 Background



This preview shows how black text looks on a background with the Hex color 006250.



This preview shows how white text looks on a background with the Hex color 006250.

# 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**  
006250

**Protanopia**  
5A564A

**Deuteranopia**  
5F5353



**Tritanopia**  
1D5F67

# Trichromacy



**Original Color**  
006250

**Protanomaly**  
395A4C

**Deuteranomaly**  
3C5852

**Tritanomaly**  
12605F

# Monochromacy



**Original Color**  
006250

**Achromatopsia**  
434343

**Achromatomaly**  
2B4E48

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 006250 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 #006250 looks like.

```
.text, #text, p{  
    color:#006250  
}
```

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 #006250 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006250
}
```

## Border

The CSS property to change the border of an element to Hex 006250 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
#006250 }
```

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

```
.border{ border-color:#006250 }
```

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

Here you see how a box with a 4 pixel #006250 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006250; -webkit-box-shadow:4px 4px  
4px 4px #006250; box-shadow:4px 4px 4px  
4px #006250 }
```

# Background

The CSS property to change the background color of an element to Hex 006250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006250 }
```

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

```
.background{ background-color:#006250 }
```

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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