

# Converting Colors

Hex(006363)

Have a look what the booklet for  
Hex(006363) contains.

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# Color

Hex(006363)

# Conversions

## Conversions Part 1

Format	Color
Hex	006363
RGB	0, 99, 99
RGB Percent	0%, 39%, 39%
CMY	1.0000, 0.6118, 0.6118
CMYK	1.00, 0.00, 0.00, 0.61
HSL	180°, 100%, 19%
HSV	180°, 100%, 39%
XYZ	6.7140, 9.8245, 13.3468
YIQ	69.3990, -59.0040, -20.9880

# Conversions

## Conversions Part 2

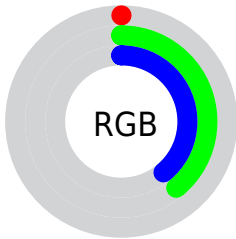
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 50, 99
Decimal	25443
CIELab	37.53, -24.03, -7.06
CIELCh	38, 25.042, 196.386
Yxy	9.8245, 0.2247, 0.3287
Android (android.graphics.Color)	4278215523 (0xFF006363)
YUV	69.3990, 14.5933, -60.8629
Hunter-Lab	31.3441, -16.6171, -3.3058

# Details

The Hex color **006363** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **630000**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **489696**, and **003435** is the 20% darker color. If you saturate the color by 10%, you get **006363**, and if you desaturate by 10%, it is **0A6363**.

# Distribution



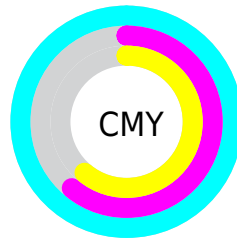
- Red (0%)
- Green (39%)
- Blue (39%)



- Red (0%)
- Yellow (20%)
- Blue (39%)



- Cyan (100%)
- Magenta (0%)
- Yellow (0%)
- Black (61%)



- Cyan (100%)
- Magenta (61%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 006363 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 006363 by changing the saturation by 10% instead.



 006363

 006363

FFFFFF

 004B4B

 489696

 003435

 64B1B0

 00201F

 7FCDCC

 000007

 9BE9E8

 000000

 B7FFFF

 D4FFFF

 F1FFFF

 006363

■ 0A6363

■ 146363

■ 1E6363

■ 286363

■ 326363

■ 3B6363

■ 456363

■ 4F6363

■ 596363

# Harmonies

## Analogous

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



29624E



006363



006175

# Triad

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



006363



684F74



6D5431

# Complementary

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



006363



630000

# 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.



7B4D3C



006363



7A4962

# Square

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



006363



4D567F



80494E



5A5B31

# Rectangle

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



006363



195F7D



80494E



735234



# Sweetspot

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



006363



598080



006300



294040



BFBFBF



404040



# Same Dimension

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



006363



008080



003263



2C3030



007070



00F0F0



# Inverse Universe

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



630063



800080



633200



302C30



700070



F000F0



# Previews

## White Background



This preview shows how the Hex color 006363 looks on a white background.

## Color Contrast Check

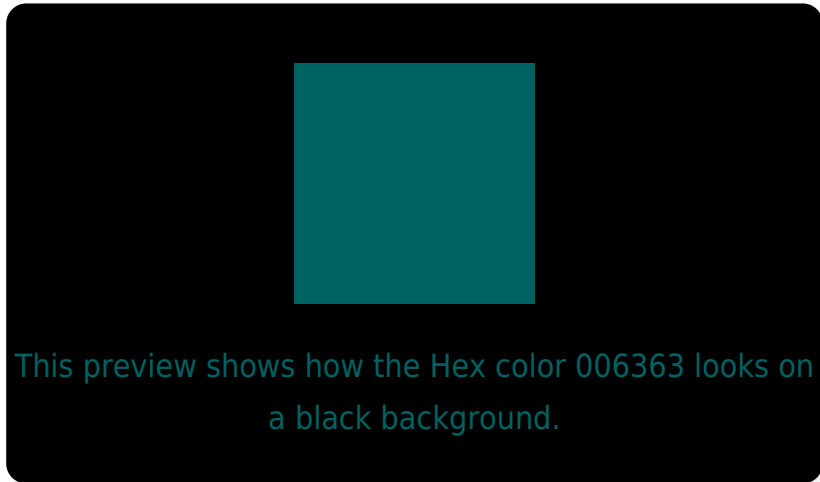
Large Text (above 18pt) WCAG AA ✓ Pass

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

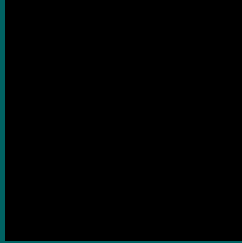
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 006363 Background



This preview shows how black text looks on a background with the Hex color 006363.



This preview shows how white text looks on a background with the Hex color 006363.

# 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**  
006363

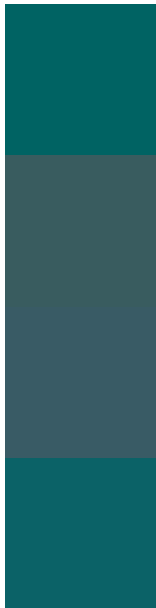
**Protanopia**  
59585C

**Deuteranopia**  
5A5666



**Tritanopia**  
12626A

# Trichromacy



**Original Color**  
006363

**Protanomaly**  
395C5F

**Deuteranomaly**  
395B65

**Tritanomaly**  
0B6267

# Monochromacy



**Original Color**  
006363

**Achromatopsia**  
454545

**Achromatomaly**  
2C5050

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 006363 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 #006363 looks like.

```
.text, #text, p{  
    color:#006363  
}
```

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 #006363 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006363
}
```

## Border

The CSS property to change the border of an element to Hex 006363 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
#006363 }
```

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

```
.border{ border-color:#006363 }
```

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

Here you see how a box with a 4 pixel #006363 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006363; -webkit-box-shadow:4px 4px  
4px 4px #006363; box-shadow:4px 4px 4px  
4px #006363 }
```

# Background

The CSS property to change the background color of an element to Hex 006363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006363 }
```

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

```
.background{ background-color:#006363 }
```

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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