

# Converting Colors

Hex(006453)

Have a look what the booklet for  
Hex(006453) contains.

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# Color

**Hex(006453)**

# Conversions

## Conversions Part 1

Format	Color
Hex	006453
RGB	0, 100, 83
RGB Percent	0%, 39%, 33%
CMY	1.0000, 0.6078, 0.6745
CMYK	1.00, 0.00, 0.17, 0.61
HSL	170°, 100%, 20%
HSV	170°, 100%, 39%
XYZ	6.1185, 9.7389, 9.7409
YIQ	68.1620, -54.1430, -26.4870

# Conversions

## Conversions Part 2

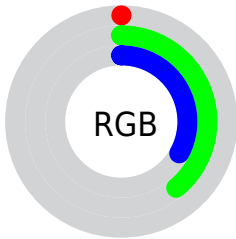
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 55, 100
Decimal	25683
CIELab	37.37, -29.65, 2.57
CIELCh	37, 29.764, 175.052
Yxy	9.7389, 0.2390, 0.3805
Android (android.graphics.Color)	4278215763 (0xFF006453)
YUV	68.1620, 7.3151, -59.7781
Hunter-Lab	31.2072, -19.6157, 3.3384

# Details

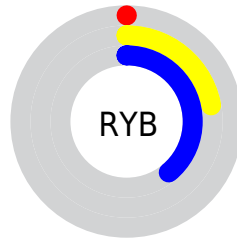
The Hex color **006453** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **640011**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **469884**, and **003426** is the 20% darker color. If you saturate the color by 10%, you get **006453**, and if you desaturate by 10%, it is **0A6455**.

# Distribution



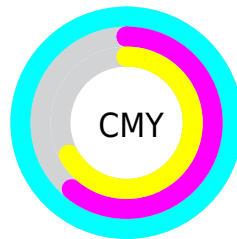
- Red (0%)
- Green (39%)
- Blue (33%)



- Red (0%)
- Yellow (22%)
- Blue (39%)



- Cyan (100%)
- Magenta (0%)
- Yellow (17%)
- Black (61%)



- Cyan (100%)
- Magenta (61%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 006453 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 006453 by changing the saturation by 10% instead.



 006453

 006453

FFFFFF

 004C3C

 469884

 003426

 62B39E

 002112

 7DCEB9

 000000

 99EBD5

 B5FFF1

 D1FFFF

 EFFFFFF

 006453

■ 0A6455

■ 146456

■ 1E6458

■ 28645A

■ 32645C

■ 3C645D

■ 46645F

■ 506461

■ 5A6462

# Harmonies

## Analogous

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



35623B



006453



00646B

# Triad

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



006453



545383



7C4D31

# Complementary

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



006453



640011

# 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.



854645



006453



724A74

# Square

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



006453



255C87



82445D



6A5527

# Rectangle

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



006453



006379



82445D



804A37



# Sweetspot

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



006453



5B827B



126400



2A423E



C2C2C2



424242



# Same Dimension

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



006453



00826C



004464



2E3332



00735F



00F2C9



# Inverse Universe

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



640011



820016



642000



332E2F



730014



F20029



# Previews

## White Background



This preview shows how the Hex color 006453 looks on a white background.

## Color Contrast Check

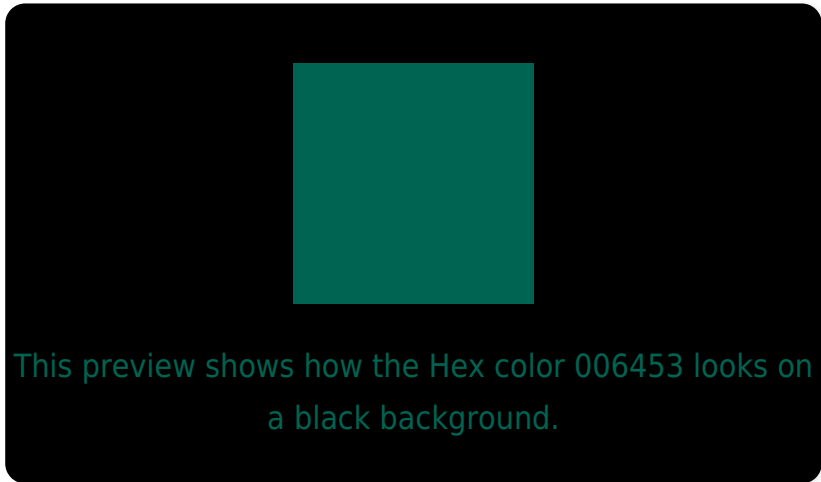
Large Text (above 18pt) WCAG AA ✓ Pass

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

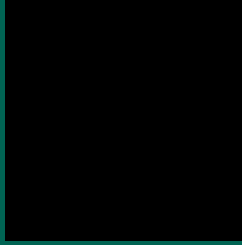
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 006453 Background



This preview shows how black text looks on a background with the Hex color 006453.

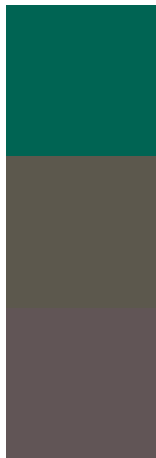


This preview shows how white text looks on a background with the Hex color 006453.

# 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**  
006453

**Protanopia**  
5C584D

**Deuteranopia**  
615556



# Trichromacy



**Original Color**  
006453



**Protanomaly**  
3B5C4F



**Deuteranomaly**  
3E5A55



**Tritanomaly**  
126261

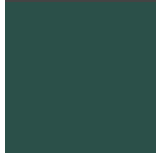
# Monochromacy



**Original Color**  
006453



**Achromatopsia**  
444444



**Achromatomaly**  
2B5049

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 006453 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 #006453 looks like.

```
.text, #text, p{  
    color:#006453  
}
```

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 #006453 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006453
}
```

## Border

The CSS property to change the border of an element to Hex 006453 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
#006453 }
```

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

```
.border{ border-color:#006453 }
```

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

Here you see how a box with a 4 pixel #006453 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006453; -webkit-box-shadow:4px 4px  
4px 4px #006453; box-shadow:4px 4px 4px  
4px #006453 }
```

# Background

The CSS property to change the background color of an element to Hex 006453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006453 }
```

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

```
.background{ background-color:#006453 }
```

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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