

Converting Colors

Hex(006459)

Have a look what the booklet for
Hex(006459) contains.

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Color

Hex(006459)

Conversions

Conversions Part 1

Format	Color
Hex	006459
RGB	0, 100, 89
RGB Percent	0%, 39%, 35%
CMY	1.0000, 0.6078, 0.6510
CMYK	1.00, 0.00, 0.11, 0.61
HSL	173°, 100%, 20%
HSV	173°, 100%, 39%
XYZ	6.3603, 9.8356, 11.0144
YIQ	68.8460, -56.0690, -24.6210

Conversions

Conversions Part 2

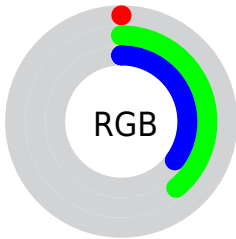
Format	Color
RYB	0, 53, 100
Decimal	25689
CIELab	37.55, -27.81, -0.87
CIELCh	38, 27.820, 181.789
Yxy	9.8356, 0.2337, 0.3615
Android (android.graphics.Color)	4278215769 (0xFF006459)
YUV	68.8460, 9.9359, -60.3779
Hunter-Lab	31.3618, -18.6823, 1.1303

Details

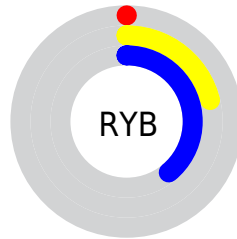
The Hex color **006459** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **64000B**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **47978B**, and **00342C** is the 20% darker color. If you saturate the color by 10%, you get **006459**, and if you desaturate by 10%, it is **0A645A**.

Distribution



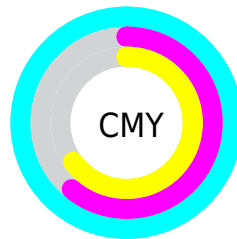
- Red (0%)
- Green (39%)
- Blue (35%)



- Red (0%)
- Yellow (21%)
- Blue (39%)



- Cyan (100%)
- Magenta (0%)
- Yellow (11%)
- Black (61%)



- Cyan (100%)
- Magenta (61%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006459 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 006459 by changing the saturation by 10% instead.

 006459

 006459

FFFFFF

 004C42

 47978B

 00342C

 62B2A5

 002117

 7ECEC0

 000000

 9AEADC

 B6FFF9

 D2FFFF

 F0FFFF

 006459

■ 0A645A

■ 14645B

■ 1E645C

■ 28645D

■ 32645F

■ 3C6460

■ 466461

■ 506462

■ 5A6463

Harmonies

Analogous

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



326242



006459



00636F

Triad

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



006459



5C527F



775031

Complementary

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



006459



64000B

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.



824942



006459



754A6E

Square

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



006459



375A85



824658



65582B

Rectangle

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



006459



00627B



824658



7C4D36

Sweetspot

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



006459



5B827E



0C6400



2A4240



C2C2C2



424242

Same Dimension

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



006459



008274



003E64



2E3332



007366



00F2D8

Inverse Universe

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



64000B



82000E



642600



332E2E



73000D



F2001B

Previews

White Background



This preview shows how the Hex color 006459 looks on a white background.

Color Contrast Check

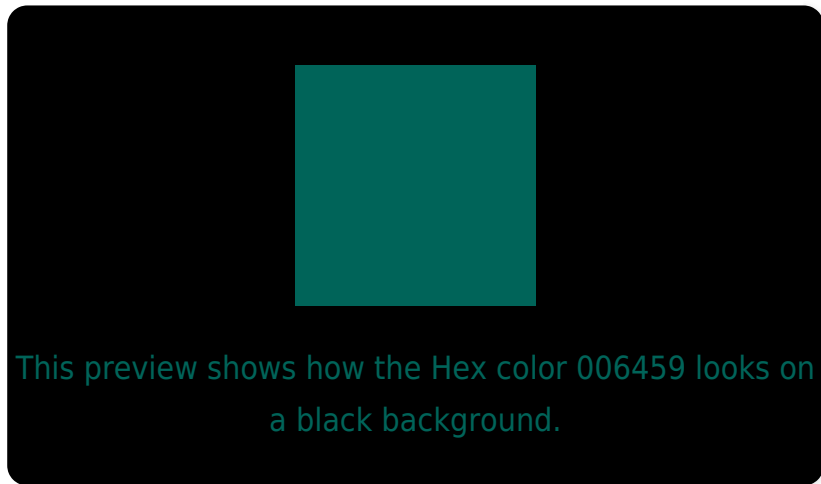
Large Text (above 18pt) WCAG AA ✓ Pass

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

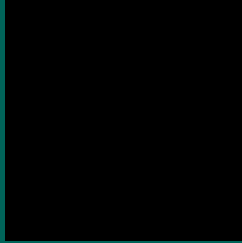
Any Text WCAG AA × Fail

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 006459 Background



This preview shows how black text looks on a background with the Hex color 006459.

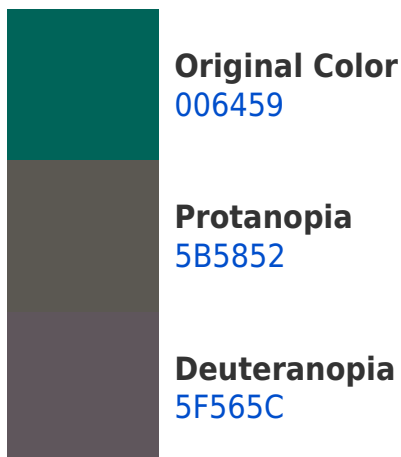



This preview shows how white text looks on a background with the Hex color 006459.

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
1A626A

Trichromacy



Original Color
006459

Protanomaly
3A5C55

Deuteranomaly
3C5B5B

Tritanomaly
116364

Monochromacy



Original Color
006459

Achromatopsia
454545

Achromatomaly
2C504C

CSS Examples

Text

The CSS property to change the color of the text to Hex 006459 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 #006459 looks like.

```
.text, #text, p{  
    color:#006459  
}
```

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 #006459 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006459
}
```

Border

The CSS property to change the border of an element to Hex 006459 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
#006459 }
```

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

```
.border{ border-color:#006459 }
```

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

Here you see how a box with a 4 pixel #006459 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006459; -webkit-box-shadow:4px 4px  
4px 4px #006459; box-shadow:4px 4px 4px  
4px #006459 }
```

Background

The CSS property to change the background color of an element to Hex 006459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006459 }
```

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

```
.background{ background-color:#006459 }
```

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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