

Converting Colors

Hex(006461)

Have a look what the booklet for
Hex(006461) contains.

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Color

Hex(006461)

Conversions

Conversions Part 1

Format	Color
Hex	006461
RGB	0, 100, 97
RGB Percent	0%, 39%, 38%
CMY	1.0000, 0.6078, 0.6196
CMYK	1.00, 0.00, 0.03, 0.61
HSL	178°, 100%, 20%
HSV	178°, 100%, 39%
XYZ	6.7148, 9.9774, 12.8812
YIQ	69.7580, -58.6370, -22.1330

Conversions

Conversions Part 2

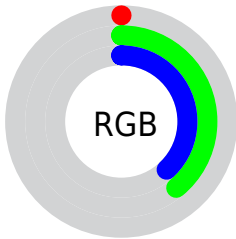
Format	Color
RYB	0, 51, 100
Decimal	25697
CIELab	37.80, -25.21, -5.42
CIELCh	38, 25.783, 192.134
Yxy	9.9774, 0.2271, 0.3374
Android (android.graphics.Color)	4278215777 (0xFF006461)
YUV	69.7580, 13.4303, -61.1778
Hunter-Lab	31.5870, -17.3314, -2.0675

Details

The Hex color **006461** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **640003**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **489794**, and **003533** is the 20% darker color. If you saturate the color by 10%, you get **006461**, and if you desaturate by 10%, it is **0A6461**.

Distribution



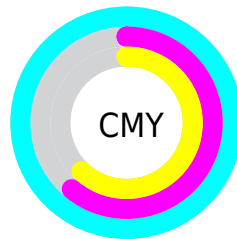
- Red (0%)
- Green (39%)
- Blue (38%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (3%)
- Black (61%)



- Cyan (100%)
- Magenta (61%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006461 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 006461 by changing the saturation by 10% instead.

006461

006461

FFFFFF

004C49

489794

003533

64B2AE

00201E

7FCEC9

000004

9BEAE6

000000

B7FFFF

D4FFFF

F1FFFF

006461

■ 0A6461

■ 146462

■ 1E6462

■ 286462

■ 326463

■ 3C6463

■ 466463

■ 506463

■ 5A6464

Harmonies

Analogous

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



2C634B



006461



006374

Triad

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



006461



665078



715331

Complementary

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



006461



640003

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.



7E4C3E



006461



7A4A66

Square

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



006461



485882



814851



5E5A2F

Rectangle

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



006461



0C607D



814851



765135

Sweetspot

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



006461



5B8281



036400



2A4242



C2C2C2



424242

Same Dimension

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



006461



00827E



003564



2E3333



00736F



00F2EB

Inverse Universe

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



640003



820004



642F00



332E2E



730003



F20007

Previews

White Background



This preview shows how the Hex color 006461 looks on a white background.

Color Contrast Check

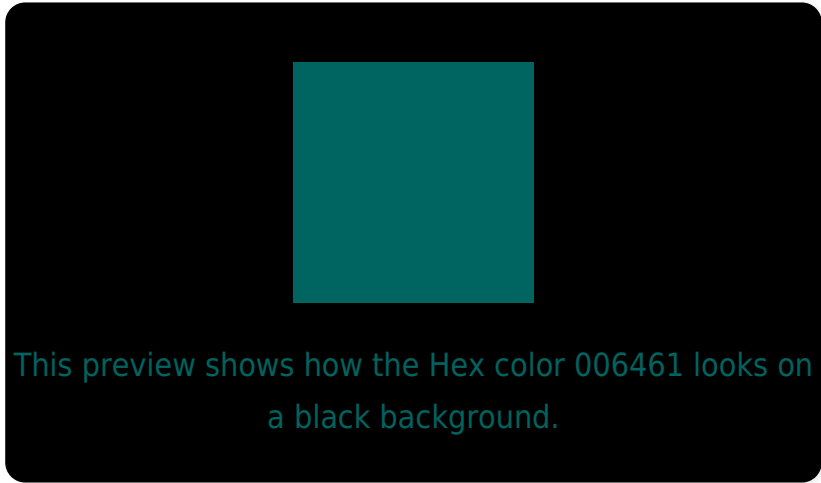
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

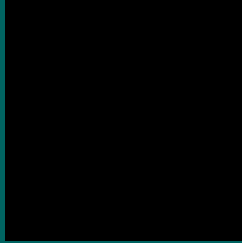
Any Text WCAG AA × Fail

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 006461 Background



This preview shows how black text looks on a background with the Hex color 006461.



This preview shows how white text looks on a background with the Hex color 006461.

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
006461

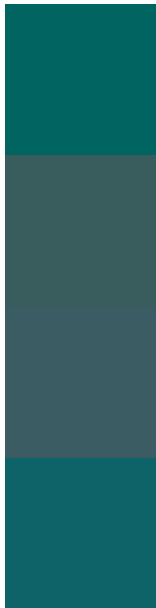
Protanopia
5A585A

Deuteranopia
5C5764



Tritanopia
15636B

Trichromacy



Original Color
006461

Protanomaly
395C5D

Deuteranomaly
3B5C63

Tritanomaly
0D6367

Monochromacy



Original Color
006461

Achromatopsia
464646

Achromatomaly
2D5150

CSS Examples

Text

The CSS property to change the color of the text to Hex 006461 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 #006461 looks like.

```
.text, #text, p{  
    color:#006461  
}
```

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 #006461 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006461
}
```

Border

The CSS property to change the border of an element to Hex 006461 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
#006461 }
```

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

```
.border{ border-color:#006461 }
```

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

Here you see how a box with a 4 pixel #006461 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006461; -webkit-box-shadow:4px 4px  
4px 4px #006461; box-shadow:4px 4px 4px  
4px #006461 }
```

Background

The CSS property to change the background color of an element to Hex 006461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006461 }
```

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

```
.background{ background-color:#006461 }
```

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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