

Converting Colors

Hex(006067)

Have a look what the booklet for
Hex(006067) contains.

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Color

Hex(006067)

Conversions

Conversions Part 1

Format	Color
Hex	006067
RGB	0, 96, 103
RGB Percent	0%, 38%, 40%
CMY	1.0000, 0.6235, 0.5961
CMYK	1.00, 0.07, 0.00, 0.60
HSL	184°, 100%, 20%
HSV	184°, 100%, 40%
XYZ	6.6311, 9.3450, 14.2862
YIQ	68.0940, -59.4630, -18.1750

Conversions

Conversions Part 2

Format	Color
RYB	0, 50, 103
Decimal	24679
CIELab	36.64, -21.06, -10.87
CIELCh	37, 23.702, 207.296
Yxy	9.3450, 0.2191, 0.3088
Android (android.graphics.Color)	4278214759 (0xFF006067)
YUV	68.0940, 17.2087, -59.7184
Hunter-Lab	30.5696, -14.7772, -6.3095

Details

The Hex color **006067** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **670700**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **48939A**, and **003138** is the 20% darker color. If you saturate the color by 10%, you get **006067**, and if you desaturate by 10%, it is **0A6167**.

Distribution



- Red (0%)
- Green (38%)
- Blue (40%)



- Red (0%)
- Yellow (20%)
- Blue (40%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (60%)



- Cyan (100%)
- Magenta (62%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006067 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 006067 by changing the saturation by 10% instead.

006067

006067

FFFFFF

00484F

48939A

003138

64AEB5

001E23

7FC9D0

00000C

9BE5ED

000000

B7FFFF

D4FFFF

F1FFFF

006067

■ 0A6167

■ 156167

■ 1F6267

■ 296367

■ 346367

■ 3E6467

■ 486567

■ 526667

■ 5D6667

Harmonies

Analogous

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



206054



006067



125D76

Triad

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



006067



6D4B6B



645430

Complementary

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



006067



670700

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.



734E37



006067



794759

Square

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



006067



565278



7B4946



515A34

Rectangle

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



006067



2B5A7B



7B4946



6A5231

Sweetspot

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



006067



5F8487



006707



2C4345



C4C4C4



454545

Same Dimension

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



006067



007E87



002D67



2E3333



006B73



00E2F2

Inverse Universe

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



670060



87007E



673A00



332E33



73006B



F200E2

Previews

White Background



This preview shows how the Hex color 006067 looks on a white background.

Color Contrast Check

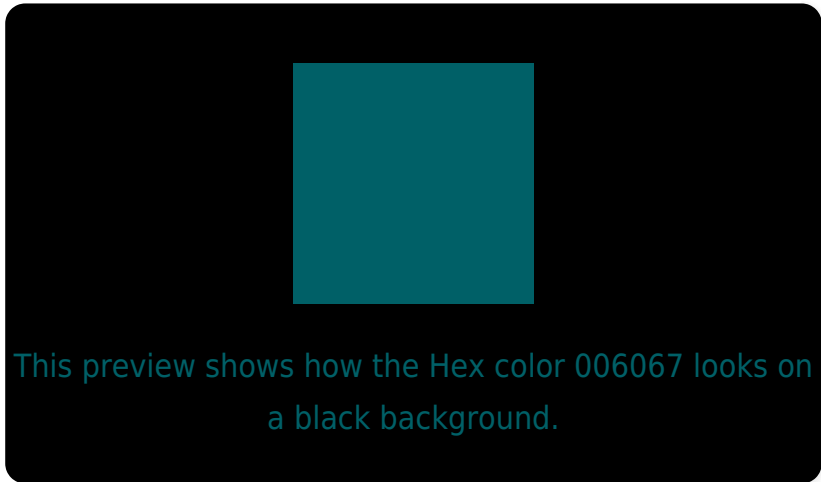
Large Text (above 18pt) WCAG AA ✓ Pass

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

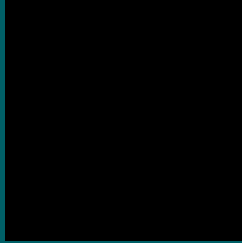
Any Text WCAG AA × Fail

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 006067 Background



This preview shows how black text looks on a background with the Hex color 006067.



This preview shows how white text looks on a background with the Hex color 006067.

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

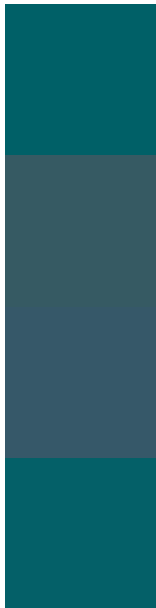


Original Color
006067

Protanopia
555660

Deuteranopia
55546A

Trichromacy



Original Color
006067

Protanomaly
365A63

Deuteranomaly
365869

Tritanomaly
046068

Monochromacy



Original Color
006067

Achromatopsia
444444

Achromatomaly
2B4E51

CSS Examples

Text

The CSS property to change the color of the text to Hex 006067 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 #006067 looks like.

```
.text, #text, p{  
    color:#006067  
}
```

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 #006067 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006067
}
```

Border

The CSS property to change the border of an element to Hex 006067 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
#006067 }
```

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

```
.border{ border-color:#006067 }
```

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

Here you see how a box with a 4 pixel #006067 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006067; -webkit-box-shadow:4px 4px  
4px 4px #006067; box-shadow:4px 4px 4px  
4px #006067 }
```

Background

The CSS property to change the background color of an element to Hex 006067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006067 }
```

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

```
.background{ background-color:#006067 }
```

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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