

Converting Colors

Hex(006168)

Have a look what the booklet for
Hex(006168) contains.

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Color

Hex(006168)

Conversions

Conversions Part 1

Format	Color
Hex	006168
RGB	0, 97, 104
RGB Percent	0%, 38%, 41%
CMY	1.0000, 0.6196, 0.5922
CMYK	1.00, 0.07, 0.00, 0.59
HSL	184°, 100%, 20%
HSV	184°, 100%, 41%
XYZ	6.7734, 9.5489, 14.5828
YIQ	68.7950, -60.0590, -18.3870

Conversions

Conversions Part 2

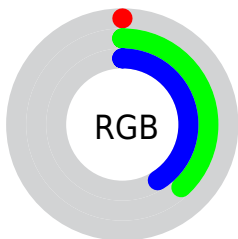
Format	Color
RYB	0, 50, 104
Decimal	24936
CIELab	37.02, -21.24, -10.91
CIELCh	37, 23.878, 207.195
Yxy	9.5489, 0.2192, 0.3090
Android (android.graphics.Color)	4278215016 (0xFF006168)
YUV	68.7950, 17.3561, -60.3332
Hunter-Lab	30.9012, -14.9509, -6.3491

Details

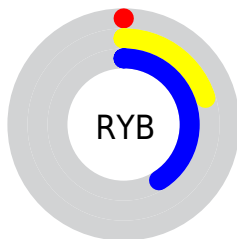
The Hex color **006168** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **680700**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **49949B**, and **003239** is the 20% darker color. If you saturate the color by 10%, you get **006168**, and if you desaturate by 10%, it is **0A6268**.

Distribution



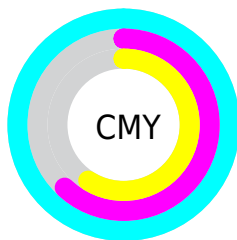
- Red (0%)
- Green (38%)
- Blue (41%)



- Red (0%)
- Yellow (20%)
- Blue (41%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (59%)



- Cyan (100%)
- Magenta (62%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006168 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 006168 by changing the saturation by 10% instead.

 006168

 006168

FFFFFF

 004950

 49949B

 003239

 64AFB6

 001E23

 80CAD1

 00010E

 9CE6EE

 000000

 B8FFFF

 D5FFFF

 F2FFFF

 006168

■ 0A6268

■ 156268

■ 1F6368

■ 2A6468

■ 346468

■ 3E6568

■ 496668

■ 536768

■ 5E6768

Harmonies

Analogous

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



206155



006168



125E77

Triad

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



006168



6E4C6C



655530

Complementary

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



006168



680700

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.



744F37



006168



7A485A

Square

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



006168



575379



7C4947



525B34

Rectangle

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



006168



2C5B7C



7C4947



6B5332

Sweetspot

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



006168



5F8487



006807



2C4345



C4C4C4



454545

Same Dimension

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



006168



007E87



002D68



2E3333



006B73



00E2F2

Inverse Universe

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



680061



87007E



683B00



332E33



73006B



F200E2

Previews

White Background



This preview shows how the Hex color 006168 looks on a white background.

Color Contrast Check

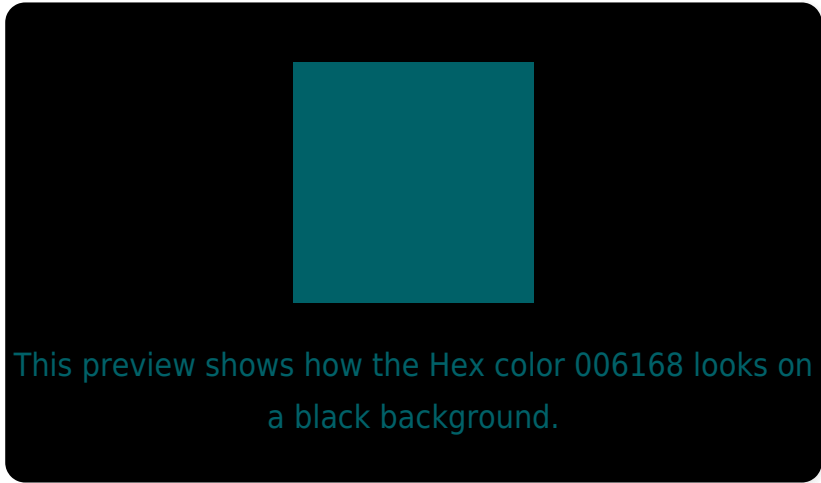
Large Text (above 18pt) WCAG AA ✓ Pass

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

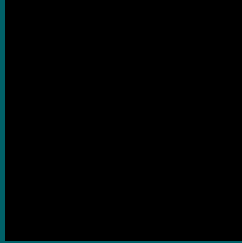
Any Text WCAG AA × Fail

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 006168 Background



This preview shows how black text looks on a background with the Hex color 006168.

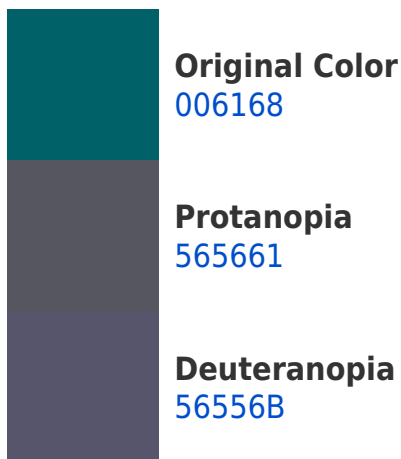


This preview shows how white text looks on a background with the Hex color 006168.

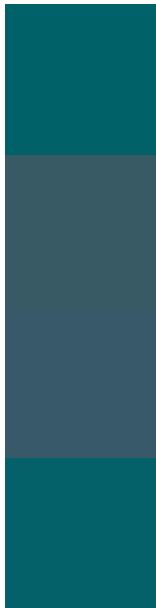
Color Blindness Simulation

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



Trichromacy



Original Color
006168

Protanomaly
375A64

Deuteranomaly
37596A

Tritanomaly
046169

Monochromacy



Original Color
006168

Achromatopsia
454545

Achromatomaly
2C4F52

CSS Examples

Text

The CSS property to change the color of the text to Hex 006168 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 #006168 looks like.

```
.text, #text, p{  
    color:#006168  
}
```

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 #006168 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006168
}
```

Border

The CSS property to change the border of an element to Hex 006168 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
#006168 }
```

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

```
.border{ border-color:#006168 }
```

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

Here you see how a box with a 4 pixel #006168 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006168; -webkit-box-shadow:4px 4px  
4px 4px #006168; box-shadow:4px 4px 4px  
4px #006168 }
```

Background

The CSS property to change the background color of an element to Hex 006168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006168 }
```

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

```
.background{ background-color:#006168 }
```

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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