

Converting Colors

Hex(006169)

Have a look what the booklet for
Hex(006169) contains.

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Color

Hex(006169)

Conversions

Conversions Part 1

Format	Color
Hex	006169
RGB	0, 97, 105
RGB Percent	0%, 38%, 41%
CMY	1.0000, 0.6196, 0.5882
CMYK	1.00, 0.08, 0.00, 0.59
HSL	185°, 100%, 21%
HSV	185°, 100%, 41%
XYZ	6.8245, 9.5693, 14.8520
YIQ	68.9090, -60.3800, -18.0760

Conversions

Conversions Part 2

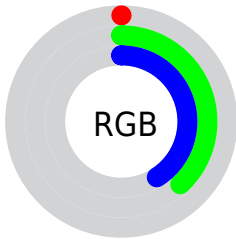
Format	Color
RYB	0, 50, 105
Decimal	24937
CIELab	37.06, -20.88, -11.47
CIELCh	37, 23.826, 208.786
Yxy	9.5693, 0.2184, 0.3063
Android (android.graphics.Color)	4278215017 (0xFF006169)
YUV	68.9090, 17.7929, -60.4332
Hunter-Lab	30.9343, -14.7557, -6.8119

Details

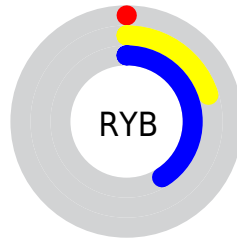
The Hex color **006169** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **690800**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **49949C**, and **00323A** is the 20% darker color. If you saturate the color by 10%, you get **006169**, and if you desaturate by 10%, it is **0A6269**.

Distribution



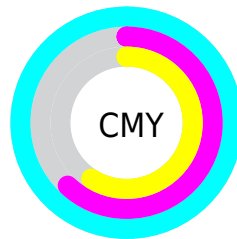
- Red (0%)
- Green (38%)
- Blue (41%)



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



- Cyan (100%)
- Magenta (8%)
- Yellow (0%)
- Black (59%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 006169 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 006169 by changing the saturation by 10% instead.

006169

006169

FFFFFF

004951

49949C

00323A

64AFB7

001E24

80CAD3

00010F

9CE6EF

000000

B8FFFF

D5FFFF

F2FFFF

006169

■ 0A6269

■ 156369

■ 206369

■ 2A6469

■ 356569

■ 3F6669

■ 4A6769

■ 546769

■ 5F6869

Harmonies

Analogous

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



1F6156



006169



155E77

Triad

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



006169



6F4C6B



645631

Complementary

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



006169



690800

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



006169



7B4859

Square

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



006169



585379



7C4A46



515C35

Rectangle

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



006169



2E5B7C



7C4A46



6A5432

Sweetspot

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



006169



60878A



006907



2C4345



C4C4C4



454545

Same Dimension

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



006169



007F8A



002E69



303536



006C75



00E2F5

Inverse Universe

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



690061



8A007F



693B00



363035



75006C



F500E2

Previews

White Background



This preview shows how the Hex color 006169 looks on a white background.

Color Contrast Check

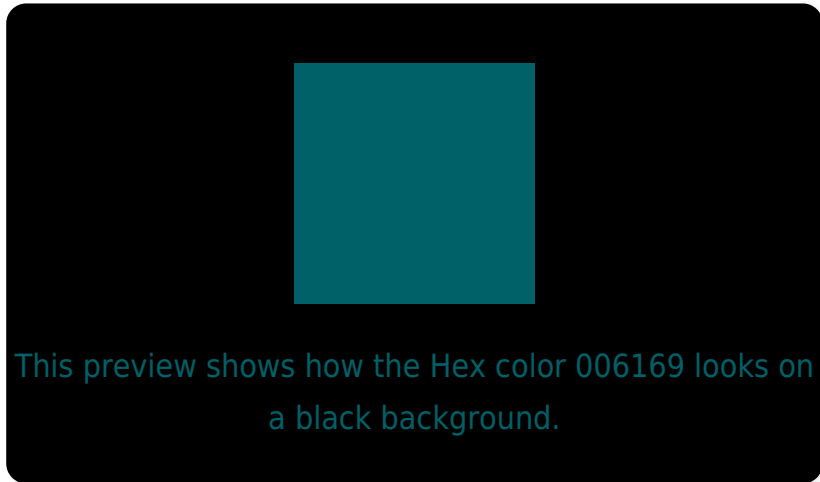
Large Text (above 18pt) WCAG AA ✓ Pass

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

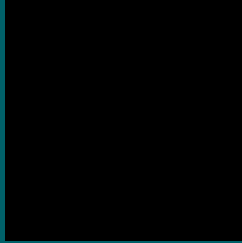
Any Text WCAG AA × Fail

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 006169 Background



This preview shows how black text looks on a background with the Hex color 006169.

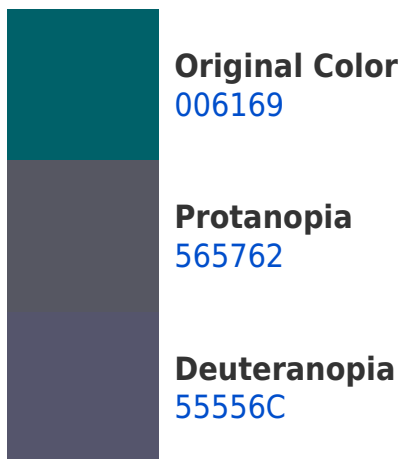


This preview shows how white text looks on a background with the Hex color 006169.

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](#).

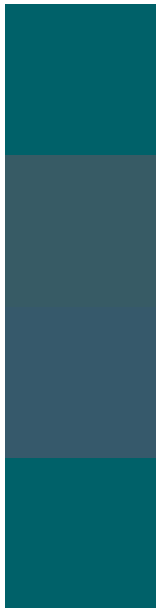
Dichromacy





Tritanopia
006169

Trichromacy



Original Color
006169

Protanomaly
375B65

Deuteranomaly
36596B

Tritanomaly
006169

Monochromacy



Original Color
006169

Achromatopsia
454545

Achromatomaly
2C4F52

CSS Examples

Text

The CSS property to change the color of the text to Hex 006169 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 #006169 looks like.

```
.text, #text, p{  
    color:#006169  
}
```

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 #006169 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006169
}
```

Border

The CSS property to change the border of an element to Hex 006169 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
#006169 }
```

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

```
.border{ border-color:#006169 }
```

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

Here you see how a box with a 4 pixel #006169 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006169; -webkit-box-shadow:4px 4px  
4px 4px #006169; box-shadow:4px 4px 4px  
4px #006169 }
```

Background

The CSS property to change the background color of an element to Hex 006169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006169 }
```

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

```
.background{ background-color:#006169 }
```

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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