

Converting Colors

Hex(006470)

Have a look what the booklet for
Hex(006470) contains.

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Color

Hex(006470)

Conversions

Conversions Part 1

Format	Color
Hex	006470
RGB	0, 100, 112
RGB Percent	0%, 39%, 44%
CMY	1.0000, 0.6078, 0.5608
CMYK	1.00, 0.11, 0.00, 0.56
HSL	186°, 100%, 22%
HSV	186°, 100%, 44%
XYZ	7.4818, 10.2842, 16.9199
YIQ	71.4680, -63.4520, -17.4680

Conversions

Conversions Part 2

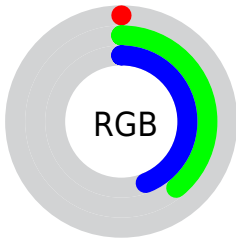
Format	Color
RYB	0, 53, 112
Decimal	25712
CIELab	38.35, -19.97, -13.82
CIELCh	38, 24.289, 214.686
Yxy	10.2842, 0.2157, 0.2965
Android (android.graphics.Color)	4278215792 (0xFF006470)
YUV	71.4680, 19.9823, -62.6774
Hunter-Lab	32.0690, -14.4761, -8.8338

Details

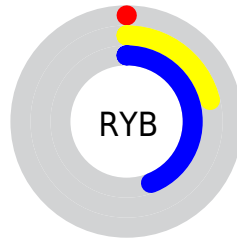
The Hex color **006470** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **700C00**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **4B97A4**, and **003540** is the 20% darker color. If you saturate the color by 10%, you get **006470**, and if you desaturate by 10%, it is **0B6570**.

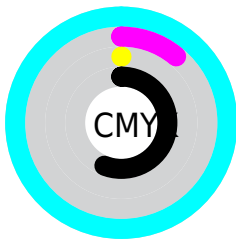
Distribution



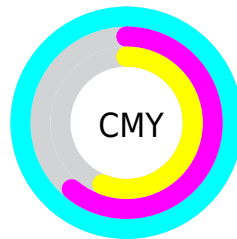
- Red (0%)
- Green (39%)
- Blue (44%)



- Red (0%)
- Yellow (21%)
- Blue (44%)



- Cyan (100%)
- Magenta (11%)
- Yellow (0%)
- Black (56%)



- Cyan (100%)
- Magenta (61%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006470 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 006470 by changing the saturation by 10% instead.

006470

006470

FFFFFF

004C58

4B97A4

003540

67B2BF

00202A

82CEDB

000116

9EEAF7

000000

BBFFFF

D8FFFF

F5FFFF

006470

■ 0B6570

■ 166670

■ 226870

■ 2D6970

■ 386A70

■ 436B70

■ 4E6C70

■ 5A6E70

■ 656F70

Harmonies

Analogous

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



1B655D



006470



1F617D

Triad

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



006470



764E6B



645A33

Complementary

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



006470



700C00

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.



755337



006470



804B58

Square

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



006470



61547B



7F4D45



4F6039

Rectangle

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



006470



375D81



7F4D45



6A5833

Sweetspot

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



006470



668D91



00700B



2F474A



C9C9C9



4A4A4A

Same Dimension

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



006470



008291



002D70



323738



006B78



00DDF7

Inverse Universe

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



700064



910082



704300



383237



78006B



F700DD

Previews

White Background



This preview shows how the Hex color 006470 looks on a white background.

Color Contrast Check

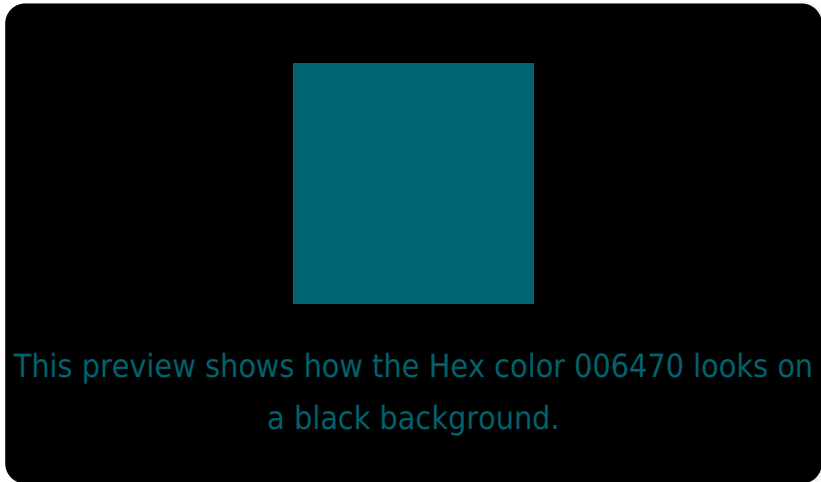
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

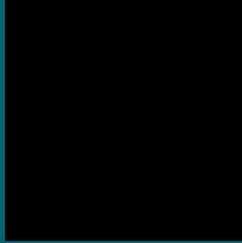
Any Text WCAG AA × Fail

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 006470 Background



This preview shows how black text looks on a background with the Hex color 006470.

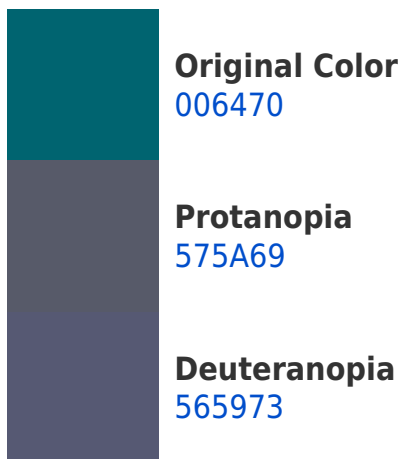


This preview shows how white text looks on a background with the Hex color 006470.

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](#).

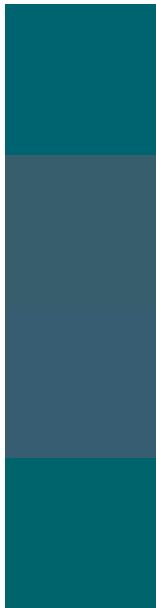
Dichromacy





Tritanopia
00646C

Trichromacy



Original Color
006470

Protanomaly
375E6C

Deuteranomaly
375D72

Tritanomaly
00646D

Monochromacy



Original Color
006470

Achromatopsia
474747

Achromatomaly
2D5256

CSS Examples

Text

The CSS property to change the color of the text to Hex 006470 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 #006470 looks like.

```
.text, #text, p{  
    color:#006470  
}
```

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 #006470 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006470
}
```

Border

The CSS property to change the border of an element to Hex 006470 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
#006470 }
```

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

```
.border{ border-color:#006470 }
```

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

Here you see how a box with a 4 pixel #006470 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006470; -webkit-box-shadow:4px 4px  
4px 4px #006470; box-shadow:4px 4px 4px  
4px #006470 }
```

Background

The CSS property to change the background color of an element to Hex 006470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006470 }
```

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

```
.background{ background-color:#006470 }
```

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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