

Converting Colors

Hex(006A76)

Have a look what the booklet for
Hex(006A76) contains.

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Color

Hex(006A76)

Conversions

Conversions Part 1

Format	Color
Hex	006A76
RGB	0, 106, 118
RGB Percent	0%, 42%, 46%
CMY	1.0000, 0.5843, 0.5373
CMYK	1.00, 0.10, 0.00, 0.54
HSL	186°, 100%, 23%
HSV	186°, 100%, 46%
XYZ	8.4240, 11.6161, 18.9377
YIQ	75.6740, -67.0280, -18.7400

Conversions

Conversions Part 2

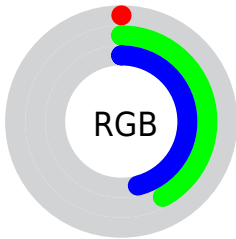
Format	Color
RYB	0, 56, 118
Decimal	27254
CIELab	40.60, -21.03, -14.05
CIELCh	41, 25.298, 213.750
Yxy	11.6161, 0.2161, 0.2980
Android (android.graphics.Color)	4278217334 (0xFF006A76)
YUV	75.6740, 20.8667, -66.3661
Hunter-Lab	34.0824, -15.5248, -9.0865

Details

The Hex color **006A76** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **760C00**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **4D9EAA**, and **003A46** is the 20% darker color. If you saturate the color by 10%, you get **006A76**, and if you desaturate by 10%, it is **0C6B76**.

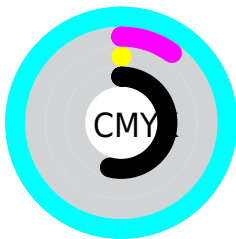
Distribution



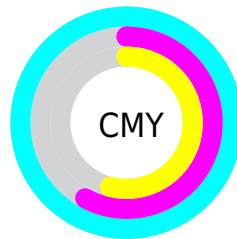
- Red (0%)
- Green (42%)
- Blue (46%)



- Red (0%)
- Yellow (22%)
- Blue (46%)



- Cyan (100%)
- Magenta (10%)
- Yellow (0%)
- Black (54%)



- Cyan (100%)
- Magenta (58%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006A76 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 006A76 by changing the saturation by 10% instead.

006A76

006A76

FFFFFF

00525D

4D9EAA

003A46

69B9C5

00242F

85D4E1

00061B

A1F1FE

000000

BEFFFF

DBFFFF

F9FFFF

006A76

 0C6B76

 186C76

 236E76

 2F6F76

 3B7076

 477176

 537276

 5E7476

 6A7576

Harmonies

Analogous

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



1E6B62



006A76



206784

Triad

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



006A76



7C5372



6B5F36

Complementary

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



006A76



760C00

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.



7C583B



006A76



874F5E

Square

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



006A76



655982



87524A



55653D

Rectangle

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



006A76



3A6389



87524A



715D36

Sweetspot

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



006A76



6B9499



00760C



314A4D



CCCCCC



4D4D4D

Same Dimension

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



006A76



008999



002F76



353A3B



006E7A



00E0FA

Inverse Universe

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



76006A



990089



764700



3B353A



7A006E



FA00E0

Previews

White Background



This preview shows how the Hex color 006A76 looks on a white background.

Color Contrast Check

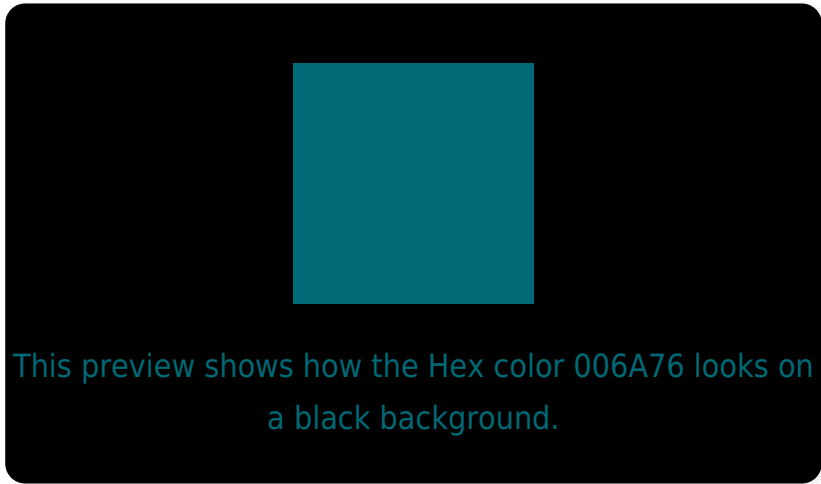
Large Text (above 18pt) WCAG AA ✓ Pass

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

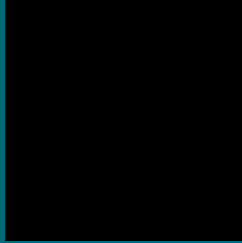
Any Text WCAG AA × Fail

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 006A76 Background



This preview shows how black text looks on a background with the Hex color 006A76.



This preview shows how white text looks on a background with the Hex color 006A76.

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](#).

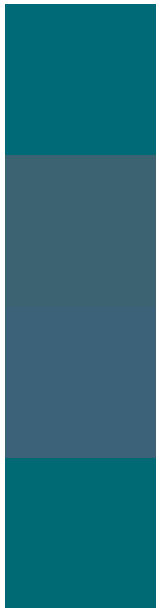
Dichromacy





Tritanopia
006A73

Trichromacy



Original Color
006A76

Protanomaly
3B6371

Deuteranomaly
3B6278

Tritanomaly
006A74

Monochromacy



Original Color
006A76

Achromatopsia
4C4C4C

Achromatomaly
30575B

CSS Examples

Text

The CSS property to change the color of the text to Hex 006A76 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 #006A76 looks like.

```
.text, #text, p{  
    color:#006A76  
}
```

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 #006A76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006A76
}
```

Border

The CSS property to change the border of an element to Hex 006A76 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
#006A76 }
```

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

```
.border{ border-color:#006A76 }
```

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

Here you see how a box with a 4 pixel #006A76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006A76; -webkit-box-shadow:4px 4px  
4px 4px #006A76; box-shadow:4px 4px 4px  
4px #006A76 }
```

Background

The CSS property to change the background color of an element to Hex 006A76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006A76 }
```

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

```
.background{ background-color:#006A76 }
```

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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