

Converting Colors

Hex(006788)

Have a look what the booklet for
Hex(006788) contains.

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Color

Hex(006788)

Conversions

Conversions Part 1

Format	Color
Hex	006788
RGB	0, 103, 136
RGB Percent	0%, 40%, 53%
CMY	1.0000, 0.5961, 0.4667
CMYK	1.00, 0.24, 0.00, 0.47
HSL	195°, 100%, 27%
HSV	195°, 100%, 53%
XYZ	9.2942, 11.4781, 25.0182
YIQ	75.9650, -71.9810, -11.5730

Conversions

Conversions Part 2

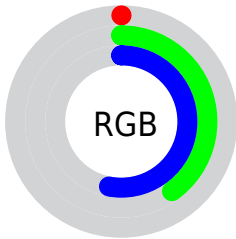
Format	Color
RYB	0, 59, 136
Decimal	26504
CIELab	40.37, -12.64, -25.30
CIELCh	40, 28.282, 243.455
Yxy	11.4781, 0.2030, 0.2507
Android (android.graphics.Color)	4278216584 (0xFF006788)
YUV	75.9650, 29.5973, -66.6213
Hunter-Lab	33.8793, -10.3205, -20.0672

Details

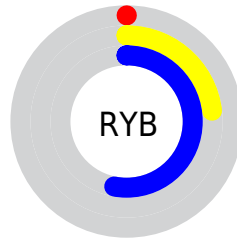
The Hex color **006788** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **882100**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **509ABD**, and **003856** is the 20% darker color. If you saturate the color by 10%, you get **006788**, and if you desaturate by 10%, it is **0E6A88**.

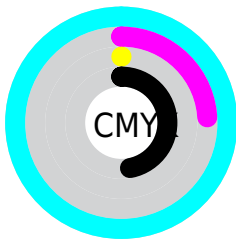
Distribution



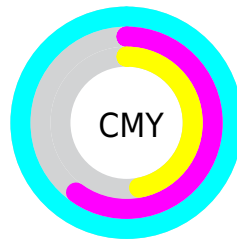
- Red (0%)
- Green (40%)
- Blue (53%)



- Red (0%)
- Yellow (23%)
- Blue (53%)



- Cyan (100%)
- Magenta (24%)
- Yellow (0%)
- Black (47%)



- Cyan (100%)
- Magenta (60%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006788 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 006788 by changing the saturation by 10% instead.

006788

006788

FFFFFF

004F6F

509ABD

003856

6DB5D9

00233F

89D0F6

000529

A6EDFF

000113

C3FFFF

000000

E0FFFF

FEFFFF

006788

■ 0E6A88

■ 1B6E88

■ 297188

■ 367488

■ 447888

■ 527B88

■ 5F7E88

■ 6D8188

■ 7A8588

Harmonies

Analogous

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



006B78



006788



40618D

Triad

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



006788



8A4C5D



536538

Complementary

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



006788



882100

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.



6B5F30



006788



8A4F47

Square

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



006788



7E5074



7E5736



366A4A

Rectangle

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



006788



5A5B8A



7E5736



5B6334

Sweetspot

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



006788



7BA3B0



008820



395159



D9D9D9



595959

Same Dimension

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



006788



0085B0



002488



3E4345



006485



000405

Inverse Universe

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



880067



B00085



886400



453E43



850064



050004

Previews

White Background



This preview shows how the Hex color 006788 looks on a white background.

Color Contrast Check

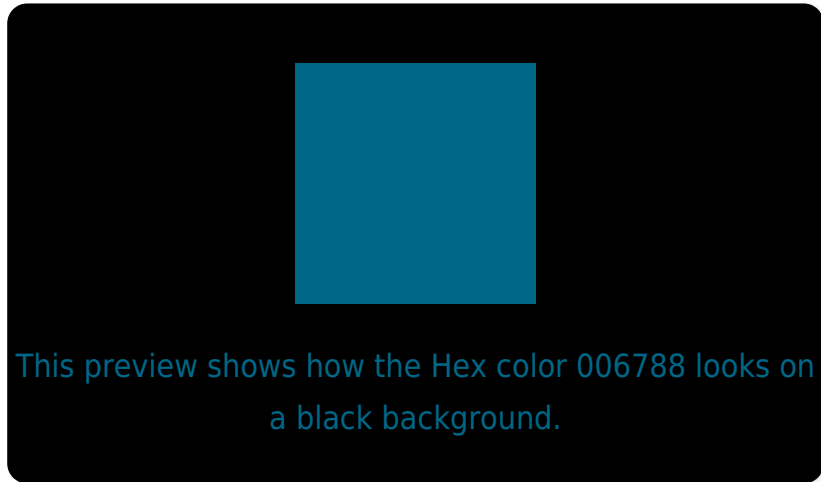
Large Text (above 18pt) WCAG AA ✓ Pass

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

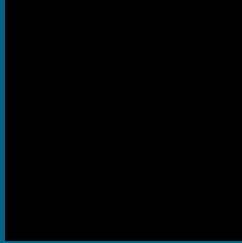
Any Text WCAG AA × Fail

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 006788 Background



This preview shows how black text looks on a background with the Hex color 006788.

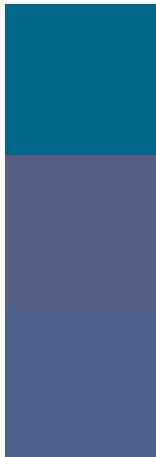


This preview shows how white text looks on a background with the Hex color 006788.

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
006788

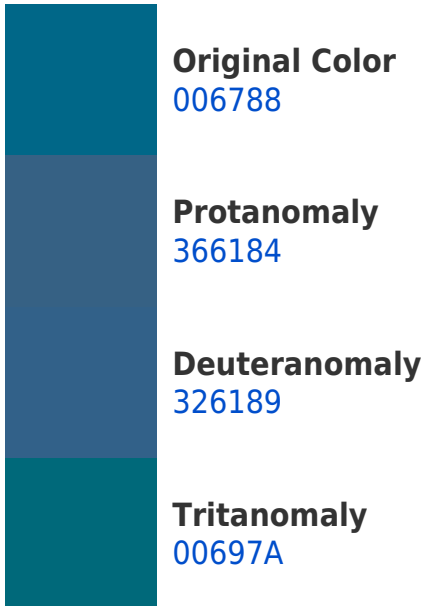
Protanopia
555E81

Deuteranopia
4E5E8A



Tritanopia
006A72

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 006788 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 #006788 looks like.

```
.text, #text, p{  
  color:#006788  
}
```

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 #006788 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006788
}
```

Border

The CSS property to change the border of an element to Hex 006788 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
#006788 }
```

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

```
.border{ border-color:#006788 }
```

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

Here you see how a box with a 4 pixel #006788 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006788; -webkit-box-shadow:4px 4px  
4px 4px #006788; box-shadow:4px 4px 4px  
4px #006788 }
```

Background

The CSS property to change the background color of an element to Hex 006788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006788 }
```

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

```
.background{ background-color:#006788 }
```

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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