

Converting Colors

Hex(006488)

Have a look what the booklet for
Hex(006488) contains.

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Color

Hex(006488)

Conversions

Conversions Part 1

Format	Color
Hex	006488
RGB	0, 100, 136
RGB Percent	0%, 39%, 53%
CMY	1.0000, 0.6078, 0.4667
CMYK	1.00, 0.26, 0.00, 0.47
HSL	196°, 100%, 27%
HSV	196°, 100%, 53%
XYZ	9.0011, 10.8919, 24.9205
YIQ	74.2040, -71.1560, -10.0040

Conversions

Conversions Part 2

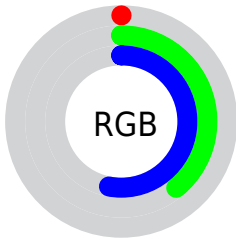
Format	Color
RYB	0, 58, 136
Decimal	25736
CIELab	39.40, -10.88, -26.82
CIELCh	39, 28.946, 247.927
Yxy	10.8919, 0.2009, 0.2430
Android (android.graphics.Color)	4278215816 (0xFF006488)
YUV	74.2040, 30.4654, -65.0769
Hunter-Lab	33.0029, -9.0716, -21.6678

Details

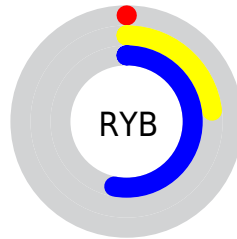
The Hex color **006488** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **882400**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **5097BE**, and **003556** is the 20% darker color. If you saturate the color by 10%, you get **006488**, and if you desaturate by 10%, it is **0E6888**.

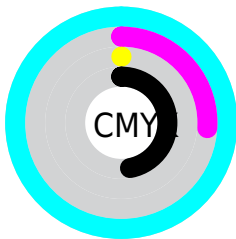
Distribution



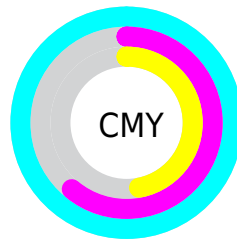
- Red (0%)
- Green (39%)
- Blue (53%)



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



- Cyan (100%)
- Magenta (26%)
- Yellow (0%)
- Black (47%)



- Cyan (100%)
- Magenta (61%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006488 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 006488 by changing the saturation by 10% instead.

006488

006488

FFFFFF

004C6F

5097BE

003556

6DB1D9

00203E

89CDF6

000329

A6E9FF

000113

C3FFFF

000000

E0FFFF

FEFFFF

006488

■ 0E6888

■ 1B6B88

■ 296F88

■ 367288

■ 447688

■ 527A88

■ 5F7D88

■ 6D8188

■ 7A8488

Harmonies

Analogous

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



006879



006488



425D8B

Triad

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



006488



894A57



4C6437

Complementary

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



006488



882400

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.



655D2D



006488



874D41

Square

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



006488



7F4C6F



7A5531



2D684A

Rectangle

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



006488



5C5786



7A5531



556232

Sweetspot

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



006488



7BA2B0



008822



395159



D9D9D9



595959

Same Dimension

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



006488



0081B0



002288



3E4345



006285



000405

Inverse Universe

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



880064



B00081



886600



453E43



850061



050004

Previews

White Background



This preview shows how the Hex color 006488 looks on a white background.

Color Contrast Check

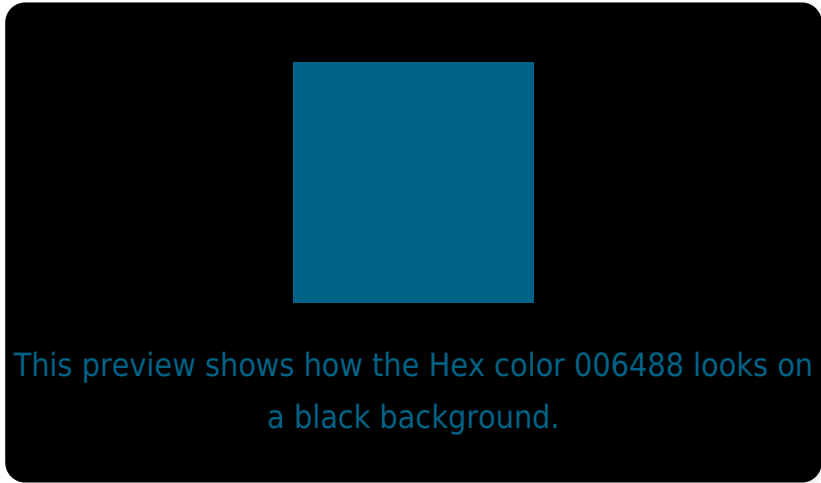
Large Text (above 18pt) WCAG AA ✓ Pass

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

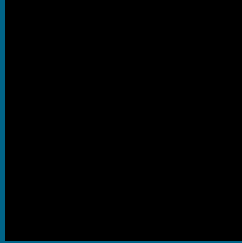
Any Text WCAG AA × Fail

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 006488 Background



This preview shows how black text looks on a background with the Hex color 006488.



This preview shows how white text looks on a background with the Hex color 006488.

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
00676F

Trichromacy



Original Color
006488

Protanomaly
345E84

Deuteranomaly
2E5F89

Tritanomaly
006678

Monochromacy



Original Color
006488

Achromatopsia
4A4A4A

Achromatomaly
2F5361

CSS Examples

Text

The CSS property to change the color of the text to Hex 006488 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 #006488 looks like.

```
.text, #text, p{  
    color:#006488  
}
```

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 #006488 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006488
}
```

Border

The CSS property to change the border of an element to Hex 006488 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
#006488 }
```

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

```
.border{ border-color:#006488 }
```

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

Here you see how a box with a 4 pixel #006488 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006488; -webkit-box-shadow:4px 4px  
4px 4px #006488; box-shadow:4px 4px 4px  
4px #006488 }
```

Background

The CSS property to change the background color of an element to Hex 006488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006488 }
```

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

```
.background{ background-color:#006488 }
```

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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