

Converting Colors

Hex(006C84)

Have a look what the booklet for
Hex(006C84) contains.

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Color

Hex(006C84)

Conversions

Conversions Part 1

Format	Color
Hex	006C84
RGB	0, 108, 132
RGB Percent	0%, 42%, 52%
CMY	1.0000, 0.5765, 0.4824
CMYK	1.00, 0.18, 0.00, 0.48
HSL	191°, 100%, 26%
HSV	191°, 100%, 52%
XYZ	9.5274, 12.3911, 23.7194
YIQ	78.4440, -72.0720, -15.4320

Conversions

Conversions Part 2

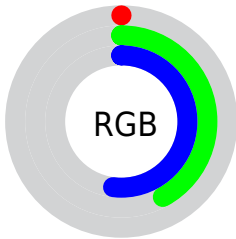
Format	Color
RYB	0, 59, 132
Decimal	27780
CIELab	41.83, -17.01, -20.63
CIELCh	42, 26.738, 230.500
Yxy	12.3911, 0.2088, 0.2715
Android (android.graphics.Color)	4278217860 (0xFF006C84)
YUV	78.4440, 26.4031, -68.7954
Hunter-Lab	35.2009, -13.2892, -15.3106

Details

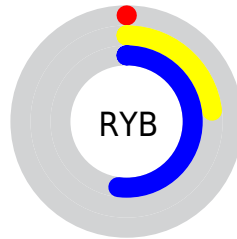
The Hex color **006C84** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **841800**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **50A0B9**, and **003C52** is the 20% darker color. If you saturate the color by 10%, you get **006C84**, and if you desaturate by 10%, it is **0D6E84**.

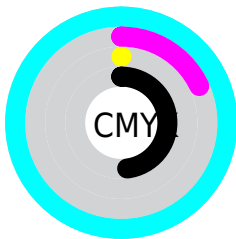
Distribution



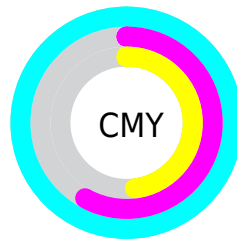
- Red (0%)
- Green (42%)
- Blue (52%)



- Red (0%)
- Yellow (23%)
- Blue (52%)



- Cyan (100%)
- Magenta (18%)
- Yellow (0%)
- Black (48%)



- Cyan (100%)
- Magenta (58%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006C84 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 006C84 by changing the saturation by 10% instead.

■ 006C84

■ 006C84

FFFFFF

■ 00546B

■ 50A0B9

■ 003C52

■ 6DBBD5

■ 00263B

■ 89D6F1

■ 000E26

■ A6F3FF

■ 00010F

■ C3FFFF

■ 000000

■ E0FFFF

FEFFFF

■ 006C84

 0D6E84

 1A7184

 287384

 357684

 427884

 4F7A84

 5C7D84

 6A7F84

 778284

Harmonies

Analogous

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



006E71



006C84



35678E

Triad

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



006C84



89526B



626639

Complementary

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



006C84



841800

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.



775F37



006C84



8D5254

Square

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



006C84



77587F



875742



486B46

Rectangle

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



006C84



4F628E



875742



696437

Sweetspot

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



006C84



78A2AB



008416



375157



D6D6D6



575757

Same Dimension

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



006C84



008CAB



002C84



3C4142



006A82



000203

Inverse Universe

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



84006C



AB008C



845800



423C41



82006A



030002

Previews

White Background



This preview shows how the Hex color 006C84 looks on a white background.

Color Contrast Check

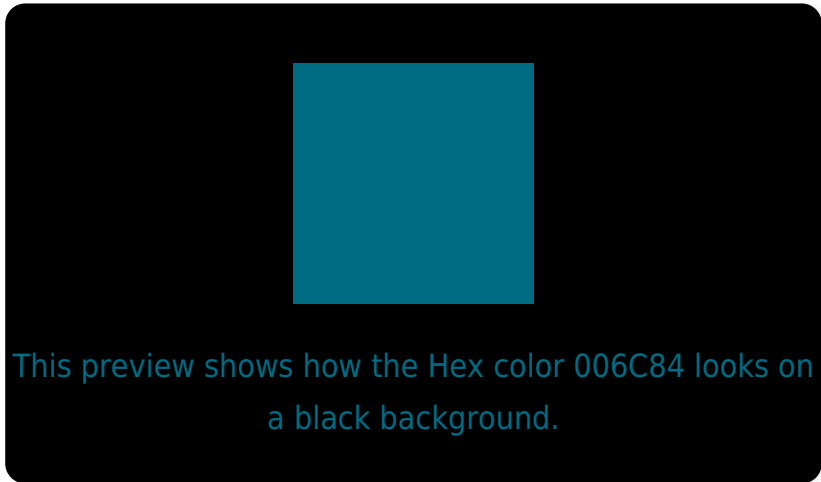
Large Text (above 18pt) WCAG AA ✓ Pass

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

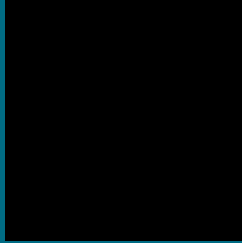
Any Text WCAG AA × Fail

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 006C84 Background



This preview shows how black text looks on a background with the Hex color 006C84.

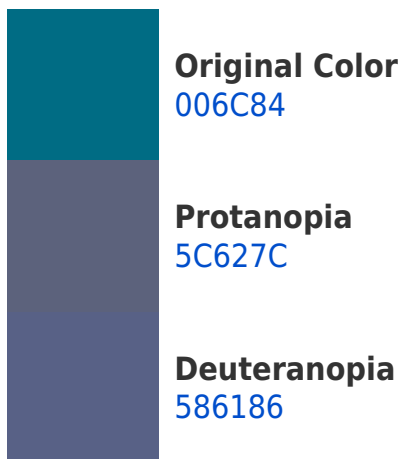


This preview shows how white text looks on a background with the Hex color 006C84.

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



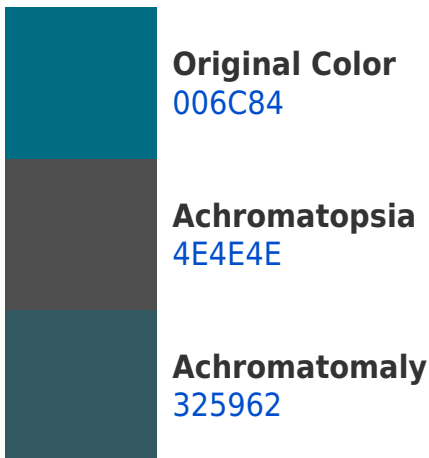


Tritanopia
006E76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 006C84 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 #006C84 looks like.

```
.text, #text, p{  
    color:#006C84  
}
```

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 #006C84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006C84
}
```

Border

The CSS property to change the border of an element to Hex 006C84 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
#006C84 }
```

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

```
.border{ border-color:#006C84 }
```

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

Here you see how a box with a 4 pixel #006C84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006C84; -webkit-box-shadow:4px 4px  
4px 4px #006C84; box-shadow:4px 4px 4px  
4px #006C84 }
```

Background

The CSS property to change the background color of an element to Hex 006C84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006C84 }
```

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

```
.background{ background-color:#006C84 }
```

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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