

Converting Colors

Hex(006D84)

Have a look what the booklet for
Hex(006D84) contains.

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Color

Hex(006D84)

Conversions

Conversions Part 1

Format	Color
Hex	006D84
RGB	0, 109, 132
RGB Percent	0%, 43%, 52%
CMY	1.0000, 0.5725, 0.4824
CMYK	1.00, 0.17, 0.00, 0.48
HSL	190°, 100%, 26%
HSV	190°, 100%, 52%
XYZ	9.6335, 12.6032, 23.7547
YIQ	79.0310, -72.3470, -15.9550

Conversions

Conversions Part 2

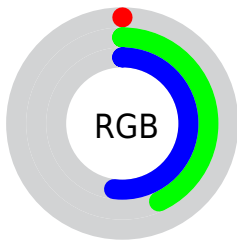
Format	Color
RYB	0, 60, 132
Decimal	28036
CIELab	42.16, -17.56, -20.13
CIELCh	42, 26.711, 228.889
Yxy	12.6032, 0.2095, 0.2740
Android (android.graphics.Color)	4278218116 (0xFF006D84)
YUV	79.0310, 26.1137, -69.3102
Hunter-Lab	35.5010, -13.6893, -14.8219

Details

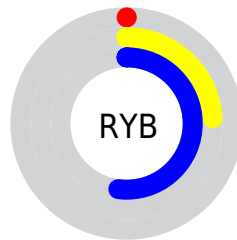
The Hex color **006D84** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **841700**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **50A1B9**, and **003D52** is the 20% darker color. If you saturate the color by 10%, you get **006D84**, and if you desaturate by 10%, it is **0D6F84**.

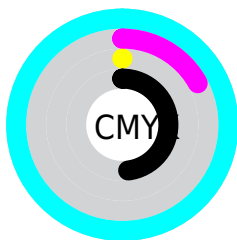
Distribution



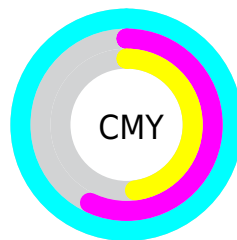
- Red (0%)
- Green (43%)
- Blue (52%)



- Red (0%)
- Yellow (24%)
- Blue (52%)



- Cyan (100%)
- Magenta (17%)
- Yellow (0%)
- Black (48%)



- Cyan (100%)
- Magenta (57%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006D84 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 006D84 by changing the saturation by 10% instead.

 006D84

 006D84

FFFFFF

 00556B

 50A1B9

 003D52

 6DBCD5

 00273B

 89D8F1

 001026

 A6F4FF

 00010F

 C3FFFF

 000000

 E0FFFF

FEFFFF

 006D84

 0D6F84

 1A7284

 287484

 357684

 427884

 4F7B84

 5C7D84

 6A7F84

 778284

Harmonies

Analogous

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



036F71



006D84



33688E

Triad

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



006D84



89536D



646739

Complementary

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



006D84



841700

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.



795F38



006D84



8E5356

Square

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



006D84



775981



885843



4B6C46

Rectangle

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



006D84



4E638F



885843



6B6437

Sweetspot

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



006D84



78A2AB



008416



375157



D6D6D6



575757

Same Dimension

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



006D84



008DAB



002C84



3C4142



006B82



000203

Inverse Universe

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



84006D



AB008D



845800



423C41



82006B



030002

Previews

White Background



This preview shows how the Hex color 006D84 looks on a white background.

Color Contrast Check

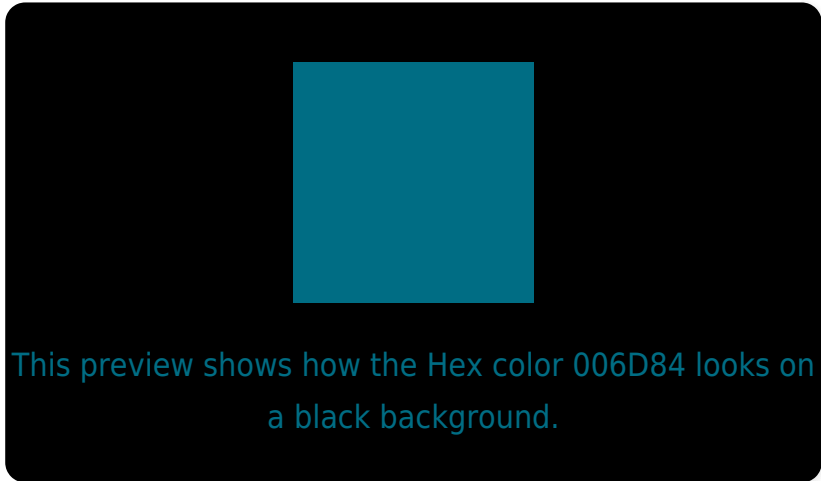
Large Text (above 18pt) WCAG AA ✓ Pass

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

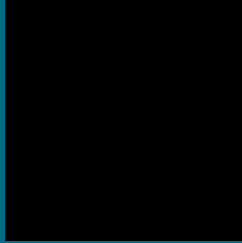
Any Text WCAG AA × Fail

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 006D84 Background



This preview shows how black text looks on a background with the Hex color 006D84.

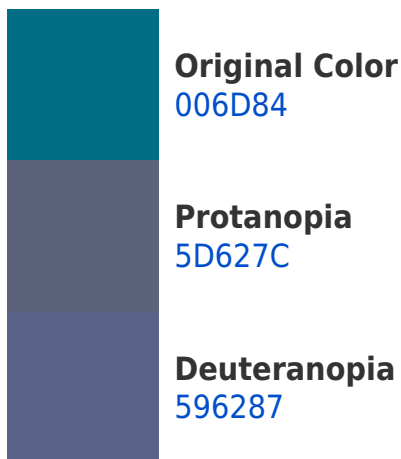


This preview shows how white text looks on a background with the Hex color 006D84.

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
006F77

Trichromacy



Original Color
006D84

Protanomaly
3B667F

Deuteranomaly
396686

Tritanomaly
006E7C

Monochromacy



Original Color
006D84

Achromatopsia
4F4F4F

Achromatomaly
325A62

CSS Examples

Text

The CSS property to change the color of the text to Hex 006D84 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 #006D84 looks like.

```
.text, #text, p{  
    color:#006D84  
}
```

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 #006D84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006D84
}
```

Border

The CSS property to change the border of an element to Hex 006D84 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
#006D84 }
```

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

```
.border{ border-color:#006D84 }
```

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

Here you see how a box with a 4 pixel #006D84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006D84; -webkit-box-shadow:4px 4px  
4px 4px #006D84; box-shadow:4px 4px 4px  
4px #006D84 }
```

Background

The CSS property to change the background color of an element to Hex 006D84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006D84 }
```

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

```
.background{ background-color:#006D84 }
```

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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