

Converting Colors

Hex(006B6D)

Have a look what the booklet for
Hex(006B6D) contains.

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Color

Hex(006B6D)

Conversions

Conversions Part 1

Format	Color
Hex	006B6D
RGB	0, 107, 109
RGB Percent	0%, 42%, 43%
CMY	1.0000, 0.5804, 0.5725
CMYK	1.00, 0.02, 0.00, 0.57
HSL	181°, 100%, 21%
HSV	181°, 100%, 43%
XYZ	8.0180, 11.6195, 16.2882
YIQ	75.2350, -64.4140, -22.0620

Conversions

Conversions Part 2

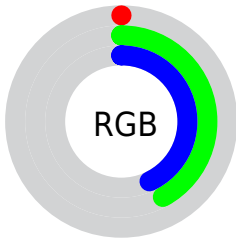
Format	Color
RYB	0, 54, 109
Decimal	27501
CIELab	40.60, -24.70, -8.58
CIELCh	41, 26.146, 199.146
Yxy	11.6195, 0.2232, 0.3234
Android (android.graphics.Color)	4278217581 (0xFF006B6D)
YUV	75.2350, 16.6461, -65.9811
Hunter-Lab	34.0874, -17.6664, -4.4697

Details

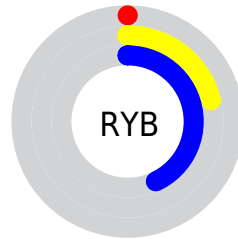
The Hex color **006B6D** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6D0200**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **4B9FA0**, and **003B3E** is the 20% darker color. If you saturate the color by 10%, you get **006B6D**, and if you desaturate by 10%, it is **0B6B6D**.

Distribution



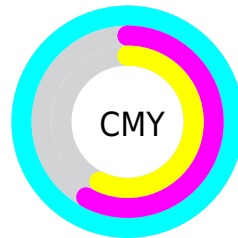
- Red (0%)
- Green (42%)
- Blue (43%)



- Red (0%)
- Yellow (21%)
- Blue (43%)



- Cyan (100%)
- Magenta (2%)
- Yellow (0%)
- Black (57%)



- Cyan (100%)
- Magenta (58%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006B6D 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 006B6D by changing the saturation by 10% instead.

006B6D

006B6D

FFFFFF

005255

4B9FA0

003B3E

67BABB

002528

83D6D7

000514

A0F2F4

000000

BCFFFF

D9FFFF

F7FFFF

006B6D

 0B6B6D

 166B6D

 216C6D

 2C6C6D

 376C6D

 416C6D

 4C6C6D

 576D6D

 626D6D

Harmonies

Analogous

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



2B6B57



006B6D



00697F

Triad

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



006B6D



73557C



745C36

Complementary

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



006B6D



6D0200

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.



835440



006B6D



845068

Square

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



006B6D



575D88



894F53



606337

Rectangle

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



006B6D



236687



894F53



7A5938

Sweetspot

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



006B6D



648E8F



006D02



2E4747



C7C7C7



474747

Same Dimension

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



006B6D



008C8F



00356D



303536



007375



00F0F5

Inverse Universe

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



6D006B



8F008C



6D3800



363035



750073



F500F0

Previews

White Background



This preview shows how the Hex color 006B6D looks on a white background.

Color Contrast Check

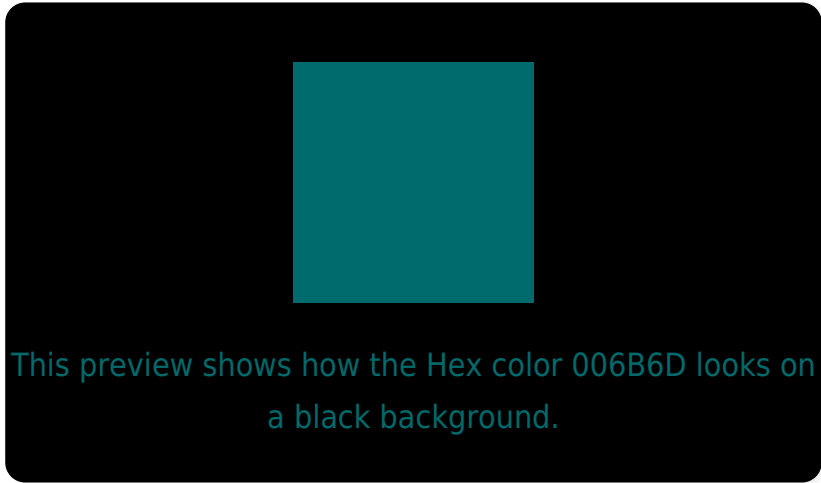
Large Text (above 18pt) WCAG AA ✓ Pass

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

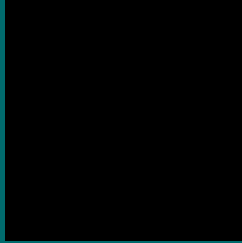
Any Text WCAG AA × Fail

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 006B6D Background



This preview shows how black text looks on a background with the Hex color 006B6D.

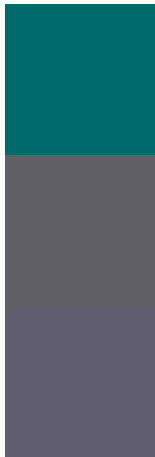


This preview shows how white text looks on a background with the Hex color 006B6D.

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
006B6D

Protanopia
605F66

Deuteranopia
615D70



Tritanopia
116A73

Trichromacy



Original Color
006B6D

Protanomaly
3D6369

Deuteranomaly
3E626F

Tritanomaly
0B6A71

Monochromacy



Original Color
006B6D

Achromatopsia
4B4B4B

Achromatomaly
305757

CSS Examples

Text

The CSS property to change the color of the text to Hex 006B6D 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 #006B6D looks like.

```
.text, #text, p{  
    color:#006B6D  
}
```

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 #006B6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006B6D
}
```

Border

The CSS property to change the border of an element to Hex 006B6D 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
#006B6D }
```

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

```
.border{ border-color:#006B6D }
```

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

Here you see how a box with a 4 pixel #006B6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006B6D; -webkit-box-shadow:4px 4px  
4px 4px #006B6D; box-shadow:4px 4px 4px  
4px #006B6D }
```

Background

The CSS property to change the background color of an element to Hex 006B6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006B6D }
```

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

```
.background{ background-color:#006B6D }
```

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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