

Converting Colors

Hex(006F6B)

Have a look what the booklet for
Hex(006F6B) contains.

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Color

Hex(006F6B)

Conversions

Conversions Part 1

Format	Color
Hex	006F6B
RGB	0, 111, 107
RGB Percent	0%, 44%, 42%
CMY	1.0000, 0.5647, 0.5804
CMYK	1.00, 0.00, 0.04, 0.56
HSL	178°, 100%, 22%
HSV	178°, 100%, 44%
XYZ	8.3383, 12.4304, 15.8698
YIQ	77.3550, -64.8720, -24.7760

Conversions

Conversions Part 2

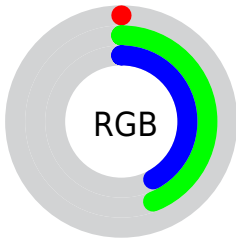
Format	Color
RYB	0, 57, 111
Decimal	28523
CIELab	41.89, -27.37, -5.44
CIELCh	42, 27.902, 191.240
Yxy	12.4304, 0.2276, 0.3393
Android (android.graphics.Color)	4278218603 (0xFF006F6B)
YUV	77.3550, 14.6150, -67.8403
Hunter-Lab	35.2568, -19.4839, -2.0078

Details

The Hex color **006F6B** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6F0004**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **4CA39E**, and **003E3C** is the 20% darker color. If you saturate the color by 10%, you get **006F6B**, and if you desaturate by 10%, it is **0B6F6B**.

Distribution



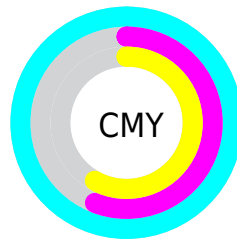
- Red (0%)
- Green (44%)
- Blue (42%)



- Red (0%)
- Yellow (22%)
- Blue (44%)



- Cyan (100%)
- Magenta (0%)
- Yellow (4%)
- Black (56%)



- Cyan (100%)
- Magenta (56%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006F6B 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 006F6B by changing the saturation by 10% instead.

 006F6B

 006F6B

FFFFFF

 005653

 4CA39E

 003E3C

 68BEB9

 002826

 84DAD5

 000D12

 A0F7F1

 000000

 BDFFFF

 DAFFFF

 F7FFFF

 006F6B

■ 0B6F6B

■ 166F6C

■ 216F6C

■ 2C6F6D

■ 386F6D

■ 436F6D

■ 4E6F6E

■ 596F6E

■ 646F6F

Harmonies

Analogous

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



326E53



006F6B



006E80

Triad

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



006F6B



705A85



7E5C37

Complementary

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



006F6B



6F0004

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.



8B5546



006F6B



865372

Square

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



006F6B



4F6290



8F515B



696435

Rectangle

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



006F6B



0A6B8B



8F515B



835A3B

Sweetspot

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



006F6B



669190



066F00



2F4A49



C9C9C9



4A4A4A

Same Dimension

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



006F6B



00918C



003D6F



323838



007874



00F7EE

Inverse Universe

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



6F0004



910005



6F3200



383233



780004



F70009

Previews

White Background



This preview shows how the Hex color 006F6B looks on a white background.

Color Contrast Check

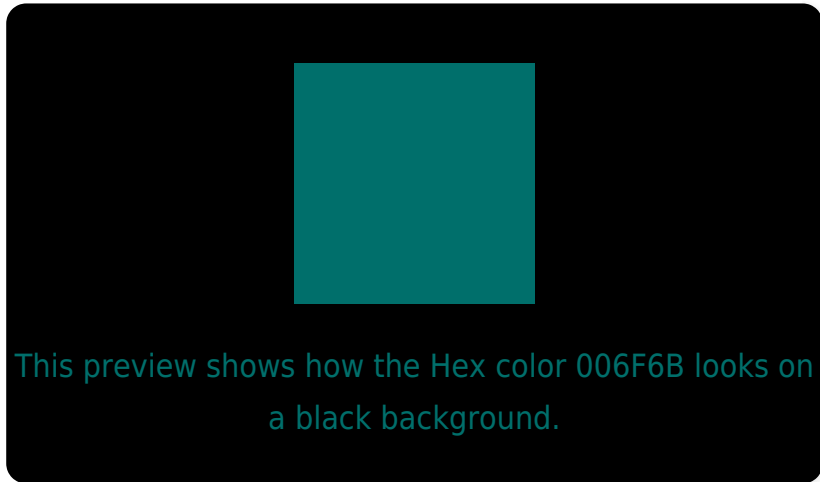
Large Text (above 18pt) WCAG AA ✓ Pass

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

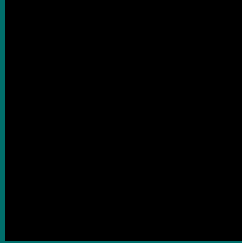
Any Text WCAG AA × Fail

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 006F6B Background



This preview shows how black text looks on a background with the Hex color 006F6B.

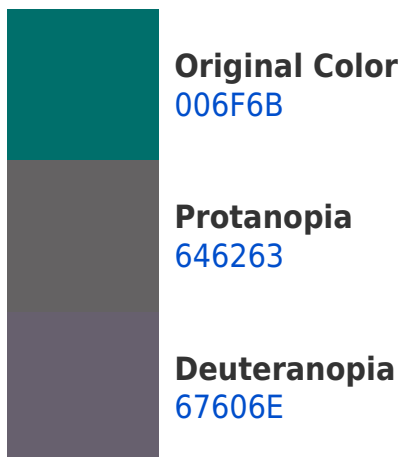


This preview shows how white text looks on a background with the Hex color 006F6B.

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



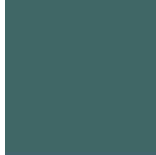


Tritanopia
186D76

Trichromacy



Original Color
006F6B



Protanomaly
406766



Deuteranomaly
42656D



Tritanomaly
0F6E72

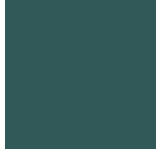
Monochromacy



Original Color
006F6B



Achromatopsia
4D4D4D



Achromatomaly
315958

CSS Examples

Text

The CSS property to change the color of the text to Hex 006F6B 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 #006F6B looks like.

```
.text, #text, p{  
    color:#006F6B  
}
```

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 #006F6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006F6B
}
```

Border

The CSS property to change the border of an element to Hex 006F6B 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
#006F6B }
```

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

```
.border{ border-color:#006F6B }
```

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

Here you see how a box with a 4 pixel #006F6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006F6B; -webkit-box-shadow:4px 4px  
4px 4px #006F6B; box-shadow:4px 4px 4px  
4px #006F6B }
```

Background

The CSS property to change the background color of an element to Hex 006F6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006F6B }
```

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

```
.background{ background-color:#006F6B }
```

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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