

Converting Colors

Hex(006B6B)

Have a look what the booklet for
Hex(006B6B) contains.

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Color

Hex(006B6B)

Conversions

Conversions Part 1

Format	Color
Hex	006B6B
RGB	0, 107, 107
RGB Percent	0%, 42%, 42%
CMY	1.0000, 0.5804, 0.5804
CMYK	1.00, 0.00, 0.00, 0.58
HSL	180°, 100%, 21%
HSV	180°, 100%, 42%
XYZ	7.9115, 11.5769, 15.7275
YIQ	75.0070, -63.7720, -22.6840

Conversions

Conversions Part 2

Format	Color
RYB	0, 54, 107
Decimal	27499
CIELab	40.54, -25.38, -7.46
CIELCh	41, 26.451, 196.386
Yxy	11.5769, 0.2247, 0.3287
Android (android.graphics.Color)	4278217579 (0xFF006B6B)
YUV	75.0070, 15.7725, -65.7811
Hunter-Lab	34.0249, -18.0384, -3.5885

Details

The Hex color **006B6B** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6B0000**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **4B9F9E**, and **003B3C** is the 20% darker color. If you saturate the color by 10%, you get **006B6B**, and if you desaturate by 10%, it is **0B6B6B**.

Distribution



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



- Red (0%)
- Yellow (21%)
- Blue (42%)



- Cyan (100%)
- Magenta (0%)
- Yellow (0%)
- Black (58%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 006B6B 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 006B6B by changing the saturation by 10% instead.

 006B6B

 006B6B

FFFFFF

 005253

 4B9F9E

 003B3C

 67BAB9

 002526

 83D6D5

 000412

 9FF2F1

 000000

 BCFFFF

 D9FFFF

 F6FFFF

 006B6B

■ 0B6B6B

■ 156B6B

■ 206B6B

■ 2B6B6B

■ 366B6B

■ 406B6B

■ 4B6B6B

■ 566B6B

■ 606B6B

Harmonies

Analogous

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



2C6A55



006B6B



00697E

Triad

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



006B6B



71567E



765B35

Complementary

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



006B6B



6B0000

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.



845341



006B6B



83506A

Square

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



006B6B



535E89



8A4F54



626235

Rectangle

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



006B6B



1C6687



8A4F54



7C5838

Sweetspot

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



006B6B



628C8C



006B00



2E4747



C7C7C7



474747

Same Dimension

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



006B6B



008C8C



00366B



303636



007575



00F5F5

Inverse Universe

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



6B006B



8C008C



6B3600



363036



750075



F500F5

Previews

White Background



This preview shows how the Hex color 006B6B looks on a white background.

Color Contrast Check

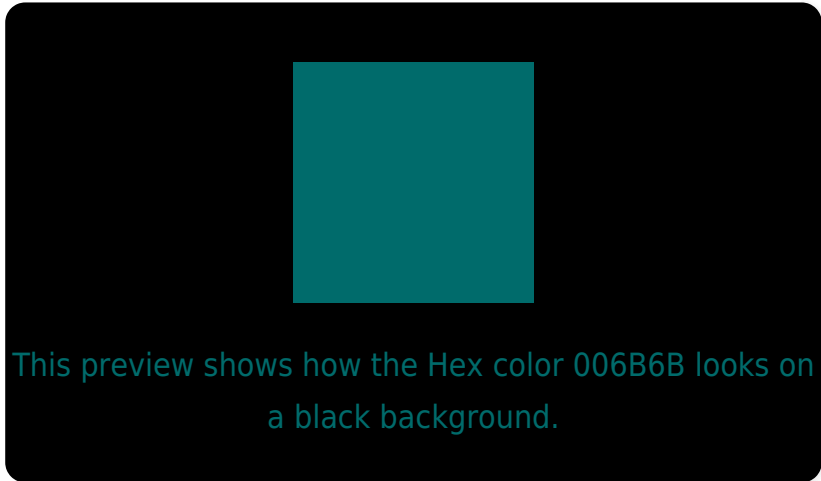
Large Text (above 18pt) WCAG AA ✓ Pass

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

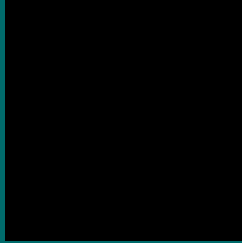
Any Text WCAG AA × Fail

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 006B6B Background



This preview shows how black text looks on a background with the Hex color 006B6B.

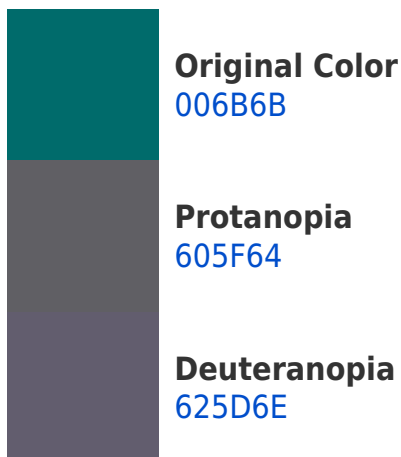


This preview shows how white text looks on a background with the Hex color 006B6B.

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](#).

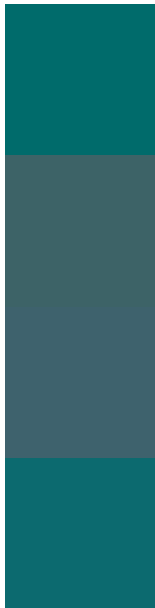
Dichromacy





Tritanopia
136A72

Trichromacy



Original Color
006B6B

Protanomaly
3D6367

Deuteranomaly
3E626D

Tritanomaly
0C6A6F

Monochromacy



Original Color
006B6B

Achromatopsia
4B4B4B

Achromatomaly
305757

CSS Examples

Text

The CSS property to change the color of the text to Hex 006B6B 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 #006B6B looks like.

```
.text, #text, p{  
    color:#006B6B  
}
```

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 #006B6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006B6B
}
```

Border

The CSS property to change the border of an element to Hex 006B6B 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
#006B6B }
```

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

```
.border{ border-color:#006B6B }
```

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

Here you see how a box with a 4 pixel #006B6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006B6B; -webkit-box-shadow:4px 4px  
4px 4px #006B6B; box-shadow:4px 4px 4px  
4px #006B6B }
```

Background

The CSS property to change the background color of an element to Hex 006B6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006B6B }
```

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

```
.background{ background-color:#006B6B }
```

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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