

Converting Colors

Hex(006B5C)

Have a look what the booklet for
Hex(006B5C) contains.

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Color

Hex(006B5C)

Conversions

Conversions Part 1

Format	Color
Hex	006B5C
RGB	0, 107, 92
RGB Percent	0%, 42%, 36%
CMY	1.0000, 0.5804, 0.6392
CMYK	1.00, 0.00, 0.14, 0.58
HSL	172°, 100%, 21%
HSV	172°, 100%, 42%
XYZ	7.1895, 11.2881, 11.9251
YIQ	73.2970, -58.9570, -27.3490

Conversions

Conversions Part 2

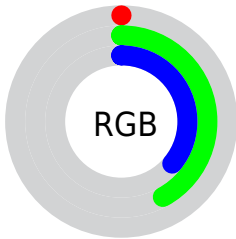
Format	Color
RYB	0, 58, 107
Decimal	27484
CIELab	40.06, -30.19, 0.97
CIELCh	40, 30.203, 178.163
Yxy	11.2881, 0.2365, 0.3713
Android (android.graphics.Color)	4278217564 (0xFF006B5C)
YUV	73.2970, 9.2206, -64.2815
Hunter-Lab	33.5978, -20.5995, 2.4742

Details

The Hex color **006B5C** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6B000F**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **499F8E**, and **003B2E** is the 20% darker color. If you saturate the color by 10%, you get **006B5C**, and if you desaturate by 10%, it is **0B6B5E**.

Distribution



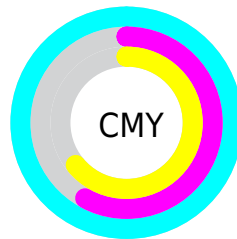
- Red (0%)
- Green (42%)
- Blue (36%)



- Red (0%)
- Yellow (23%)
- Blue (42%)



- Cyan (100%)
- Magenta (0%)
- Yellow (14%)
- Black (58%)



- Cyan (100%)
- Magenta (58%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006B5C 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 006B5C by changing the saturation by 10% instead.

 006B5C

 006B5C

FFFFFF

 005245

 499F8E

 003B2E

 65BAA9

 00251A

 81D6C4

 000000

 9CF3E0

 B9FFFC

 D6FFFF

 F3FFFF

 006B5C

 0B6B5E

 156B5F

 206B61

 2B6B62

 366B64

 406B65

 4B6B67

 566B68

 606B6A

Harmonies

Analogous

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



386943



006B5C



006B75

Triad

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



006B5C



5E598A



825435

Complementary

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



006B5C



6B000F

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.



8C4C48



006B5C



7C4F79

Square

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



006B5C



32618F



8B4A61



6F5C2C

Rectangle

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



006B5C



006982



8B4A61



87513B

Sweetspot

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



006B5C



628C86



106B00



2E4744



C7C7C7



474747

Same Dimension

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



006B5C



008C79



00466B



303635



007565



00F5D2

Inverse Universe

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



6B000F



8C0014



6B2500



363031



750010



F50022

Previews

White Background



This preview shows how the Hex color 006B5C looks on a white background.

Color Contrast Check

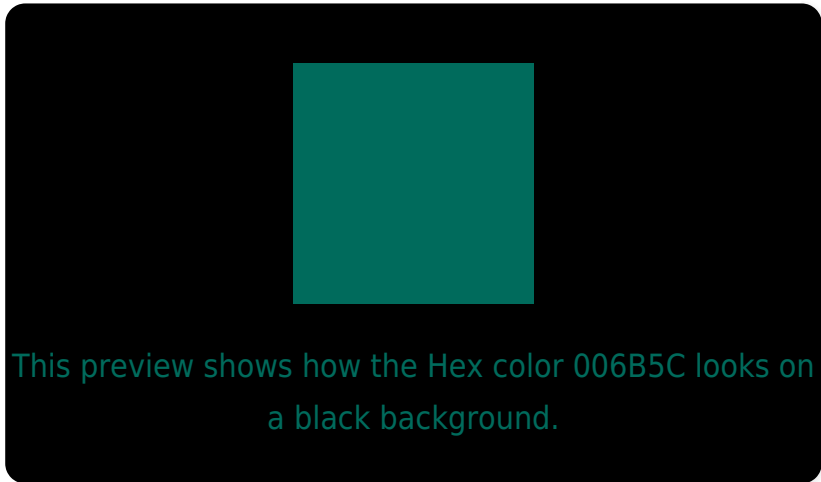
Large Text (above 18pt) WCAG AA ✓ Pass

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

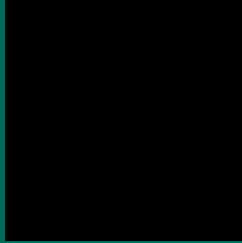
Any Text WCAG AA × Fail

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 006B5C Background



This preview shows how black text looks on a background with the Hex color 006B5C.

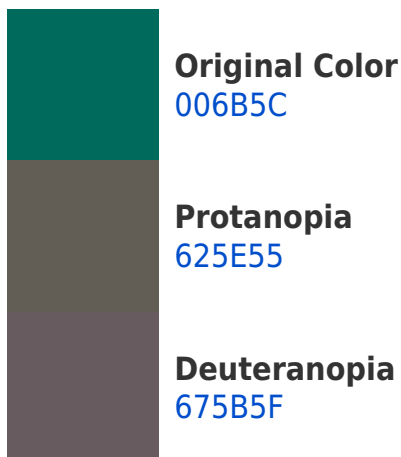



This preview shows how white text looks on a background with the Hex color 006B5C.

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
1D6871

Trichromacy



Original Color
006B5C

Protanomaly
3E6358

Deuteranomaly
42615E

Tritanomaly
126969

Monochromacy



Original Color
006B5C

Achromatopsia
494949

Achromatomaly
2E5550

CSS Examples

Text

The CSS property to change the color of the text to Hex 006B5C 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 #006B5C looks like.

```
.text, #text, p{  
    color:#006B5C  
}
```

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 #006B5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006B5C
}
```

Border

The CSS property to change the border of an element to Hex 006B5C 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
#006B5C }
```

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

```
.border{ border-color:#006B5C }
```

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

Here you see how a box with a 4 pixel #006B5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006B5C; -webkit-box-shadow:4px 4px  
4px 4px #006B5C; box-shadow:4px 4px 4px  
4px #006B5C }
```

Background

The CSS property to change the background color of an element to Hex 006B5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006B5C }
```

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

```
.background{ background-color:#006B5C }
```

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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