

Converting Colors

Hex(006B51)

Have a look what the booklet for
Hex(006B51) contains.

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Color

Hex(006B51)

Conversions

Conversions Part 1

Format	Color
Hex	006B51
RGB	0, 107, 81
RGB Percent	0%, 42%, 32%
CMY	1.0000, 0.5804, 0.6824
CMYK	1.00, 0.00, 0.24, 0.58
HSL	165°, 100%, 21%
HSV	165°, 100%, 42%
XYZ	6.7429, 11.1095, 9.5735
YIQ	72.0430, -55.4260, -30.7700

Conversions

Conversions Part 2

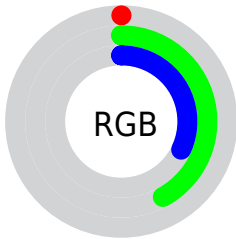
Format	Color
RYB	0, 61, 107
Decimal	27473
CIELab	39.76, -33.38, 7.21
CIELCh	40, 34.148, 167.809
Yxy	11.1095, 0.2459, 0.4051
Android (android.graphics.Color)	4278217553 (0xFF006B51)
YUV	72.0430, 4.4158, -63.1817
Hunter-Lab	33.3309, -22.2181, 6.3019

Details

The Hex color **006B51** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6B001A**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **489F82**, and **003A24** is the 20% darker color. If you saturate the color by 10%, you get **006B51**, and if you desaturate by 10%, it is **0B6B54**.

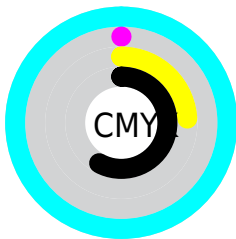
Distribution



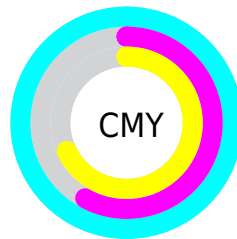
- Red (0%)
- Green (42%)
- Blue (32%)



- Red (0%)
- Yellow (24%)
- Blue (42%)



- Cyan (100%)
- Magenta (0%)
- Yellow (24%)
- Black (58%)



- Cyan (100%)
- Magenta (58%)
- Yellow (68%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006B51 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 006B51 by changing the saturation by 10% instead.

 006B51

 006B51

FFFFFF

 00523A

 489F82

 003A24

 64BA9C

 002510

 7FD6B7

 000000

 9BF3D3

 B7FFE F

 D4FFF F

 F1FFF F

 006B51

 0B6B54

 156B56

 206B59

 2B6B5B

 366B5E

 406B61

 4B6B63

 566B66

 606B68

Harmonies

Analogous

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



3E6837



006B51



006C6E

Triad

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



006B51



4D5B93



8A4E35

Complementary

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



006B51



6B001A

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.



92474E



006B51



755083

Square

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



006B51



006494



8B476A



785826

Rectangle

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



006B51



006B7F



8B476A



8E4B3D

Sweetspot

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



006B51



628C82



1B6B00



2E4741



C7C7C7



474747

Same Dimension

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



006B51



008C6A



00506B



303634



007559



00F5B9

Inverse Universe

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



6B001A



8C0022



6B1B00



363031



75001D



F5003B

Previews

White Background



This preview shows how the Hex color 006B51 looks on a white background.

Color Contrast Check

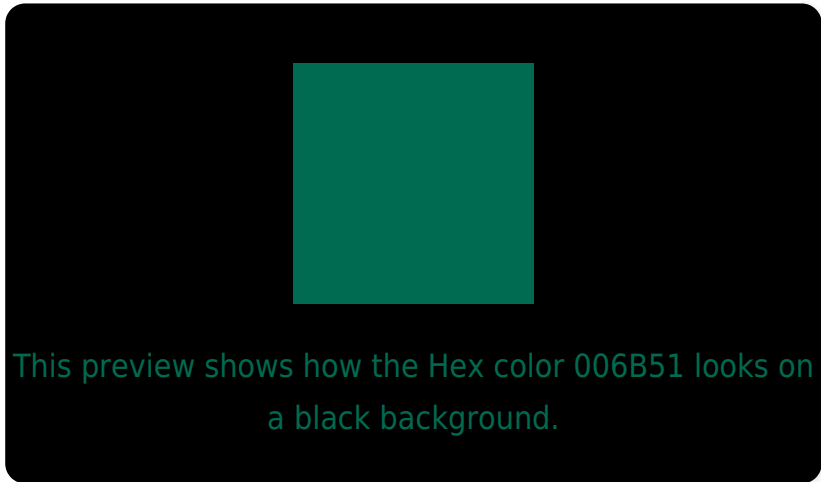
Large Text (above 18pt) WCAG AA ✓ Pass

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

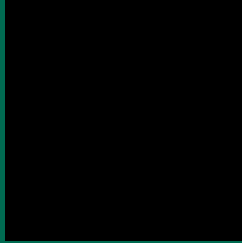
Any Text WCAG AA × Fail

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 006B51 Background



This preview shows how black text looks on a background with the Hex color 006B51.

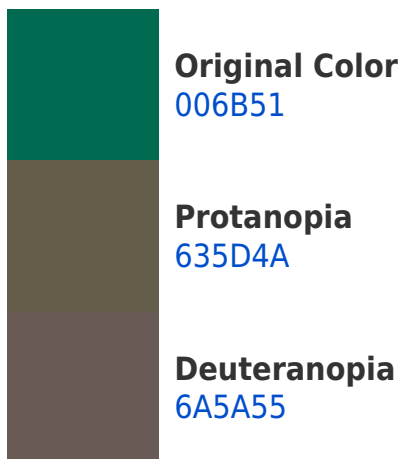



This preview shows how white text looks on a background with the Hex color 006B51.

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
22676F

Trichromacy



Original Color
006B51

Protanomaly
3F624D

Deuteranomaly
436054

Tritanomaly
166864

Monochromacy



Original Color
006B51

Achromatopsia
484848

Achromatomaly
2E554B

CSS Examples

Text

The CSS property to change the color of the text to Hex 006B51 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 #006B51 looks like.

```
.text, #text, p{  
    color:#006B51  
}
```

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 #006B51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006B51
}
```

Border

The CSS property to change the border of an element to Hex 006B51 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
#006B51 }
```

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

```
.border{ border-color:#006B51 }
```

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

Here you see how a box with a 4 pixel #006B51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006B51; -webkit-box-shadow:4px 4px  
4px 4px #006B51; box-shadow:4px 4px 4px  
4px #006B51 }
```

Background

The CSS property to change the background color of an element to Hex 006B51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006B51 }
```

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

```
.background{ background-color:#006B51 }
```

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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