

Converting Colors

Hex(006B41)

Have a look what the booklet for
Hex(006B41) contains.

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Color

Hex(006B41)

Conversions

Conversions Part 1

Format	Color
Hex	006B41
RGB	0, 107, 65
RGB Percent	0%, 42%, 25%
CMY	1.0000, 0.5804, 0.7451
CMYK	1.00, 0.00, 0.39, 0.58
HSL	156°, 100%, 21%
HSV	156°, 100%, 42%
XYZ	6.2118, 10.8970, 6.7770
YIQ	70.2190, -50.2900, -35.7460

Conversions

Conversions Part 2

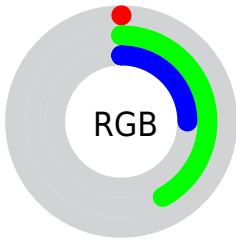
Format	Color
RYB	0, 67, 107
Decimal	27457
CIELab	39.41, -37.42, 16.27
CIELCh	39, 40.803, 156.503
Yxy	10.8970, 0.2601, 0.4562
Android (android.graphics.Color)	4278217537 (0xFF006B41)
YUV	70.2190, -2.5730, -61.5821
Hunter-Lab	33.0107, -24.1792, 10.9355

Details

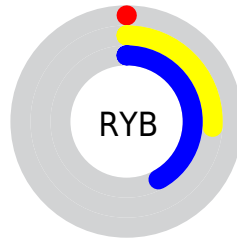
The Hex color **006B41** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6B002A**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **489F71**, and **003A16** is the 20% darker color. If you saturate the color by 10%, you get **006B41**, and if you desaturate by 10%, it is **0B6B45**.

Distribution



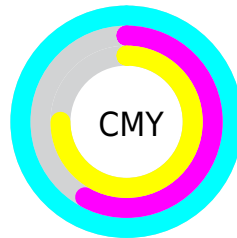
- Red (0%)
- Green (42%)
- Blue (25%)



- Red (0%)
- Yellow (26%)
- Blue (42%)



- Cyan (100%)
- Magenta (0%)
- Yellow (39%)
- Black (58%)



- Cyan (100%)
- Magenta (58%)
- Yellow (75%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006B41 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 006B41 by changing the saturation by 10% instead.

 006B41

 006B41

FFFFFF

 00522B

 489F71

 003A16

 63BB8B

 002600

 7FD7A5

 000000

 9AF3C0

 B7FFDC

 D3FFF9

 F1FFFF

 006B41

 0B6B45

 156B49

 206B4E

 2B6B52

 366B56

 406B5A

 4B6B5E

 566B63

 606B67

Harmonies

Analogous

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



456624



006B41



006D63

Triad

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



006B41



235E9F



954537

Complementary

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



006B41



6B002A

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.



993E57



006B41



685192

Square

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



006B41



006799



8B4478



83511E

Rectangle

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



006B41



006D7A



8B4478



984141

Sweetspot

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



006B41



628C7C



2B6B00



2E473D



C7C7C7



474747

Same Dimension

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



006B41



008C55



00606B



303633



007547



00F595

Inverse Universe

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



6B002A



8C0037



6B0B00



363032



75002E



F50060

Previews

White Background



This preview shows how the Hex color 006B41 looks on a white background.

Color Contrast Check

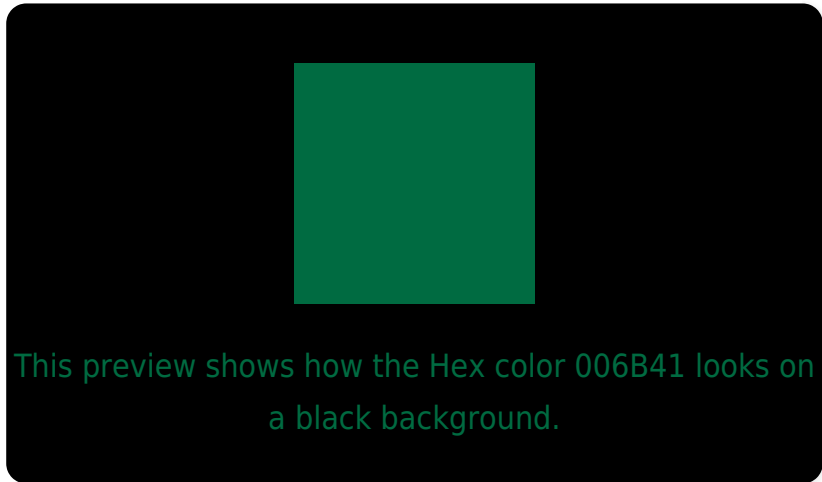
Large Text (above 18pt) WCAG AA ✓ Pass

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 006B41 Background



This preview shows how black text looks on a background with the Hex color 006B41.



This preview shows how white text looks on a background with the Hex color 006B41.

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
006B41

Protanopia
655D3B

Deuteranopia
6D5945



Tritanopia
27666E

Trichromacy



Original Color
006B41



Protanomaly
40623D



Deuteranomaly
456044



Tritanomaly
19685E

Monochromacy



Original Color
006B41



Achromatopsia
464646



Achromatomaly
2D5344

CSS Examples

Text

The CSS property to change the color of the text to Hex 006B41 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 #006B41 looks like.

```
.text, #text, p{  
    color:#006B41  
}
```

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 #006B41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006B41
}
```

Border

The CSS property to change the border of an element to Hex 006B41 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
#006B41 }
```

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

```
.border{ border-color:#006B41 }
```

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

Here you see how a box with a 4 pixel #006B41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006B41; -webkit-box-shadow:4px 4px  
4px 4px #006B41; box-shadow:4px 4px 4px  
4px #006B41 }
```

Background

The CSS property to change the background color of an element to Hex 006B41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006B41 }
```

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

```
.background{ background-color:#006B41 }
```

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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