

Converting Colors

Hex(006640)

Have a look what the booklet for
Hex(006640) contains.

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Color

Hex(006640)

Conversions

Conversions Part 1

Format	Color
Hex	006640
RGB	0, 102, 64
RGB Percent	0%, 40%, 25%
CMY	1.0000, 0.6000, 0.7490
CMYK	1.00, 0.00, 0.37, 0.60
HSL	158°, 100%, 20%
HSV	158°, 100%, 40%
XYZ	5.6768, 9.8729, 6.4570
YIQ	67.1700, -48.5940, -33.4420

Conversions

Conversions Part 2

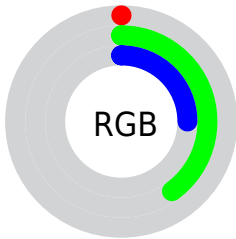
Format	Color
RYB	0, 63, 102
Decimal	26176
CIELab	37.61, -35.65, 14.44
CIELCh	38, 38.462, 157.942
Yxy	9.8729, 0.2580, 0.4486
Android (android.graphics.Color)	4278216256 (0xFF006640)
YUV	67.1700, -1.5628, -58.9081
Hunter-Lab	31.4212, -22.7379, 9.8109

Details

The Hex color **006640** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **660026**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **469A70**, and **003615** is the 20% darker color. If you saturate the color by 10%, you get **006640**, and if you desaturate by 10%, it is **0A6644**.

Distribution



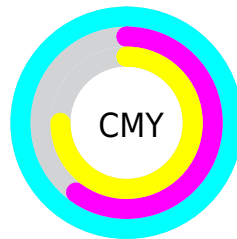
- Red (0%)
- Green (40%)
- Blue (25%)



- Red (0%)
- Yellow (25%)
- Blue (40%)



- Cyan (100%)
- Magenta (0%)
- Yellow (37%)
- Black (60%)



- Cyan (100%)
- Magenta (60%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006640 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 006640 by changing the saturation by 10% instead.

 006640

 006640

FFFFFF

 004D2A

 469A70

 003615

 61B589

 002200

 7CD1A4

 000000

 98EDBF

 B4FFDB

 D1FFF7

 EEEFFF

 006640

 0A6644

 146648

 1F664B

 29664F

 336653

 3D6657

 47665B

 52665E

 5C6662

Harmonies

Analogous

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



406125



006640



006860

Triad

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



006640



2A5996



8D4334

Complementary

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



006640



660026

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.



913C51



006640



654D8A

Square

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



006640



006292



854170



7C4E1D

Rectangle

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



006640



006775



854170



903F3D

Sweetspot

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



006640



5D8576



276600



2A4239



C2C2C2



424242

Same Dimension

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



006640



008553



005A66



2E3331



007348



00F298

Inverse Universe

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



660026



850031



660C00



332E30



73002B



F2005A

Previews

White Background



This preview shows how the Hex color 006640 looks on a white background.

Color Contrast Check

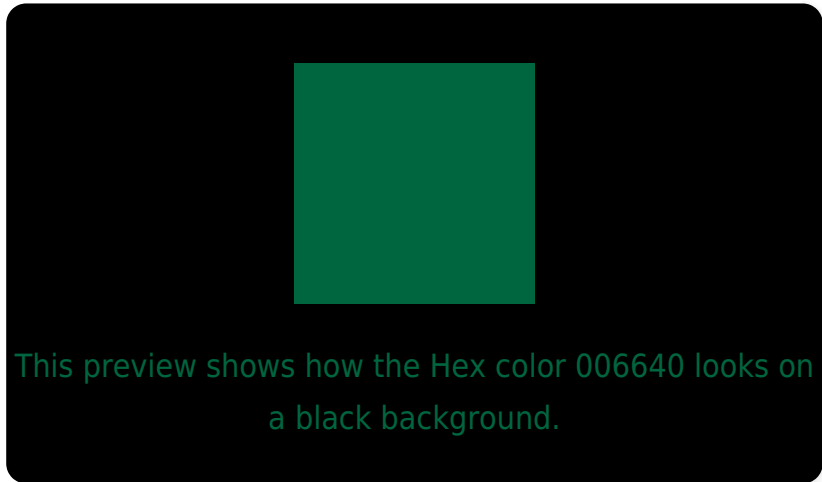
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 006640 Background



This preview shows how black text looks on a background with the Hex color 006640.

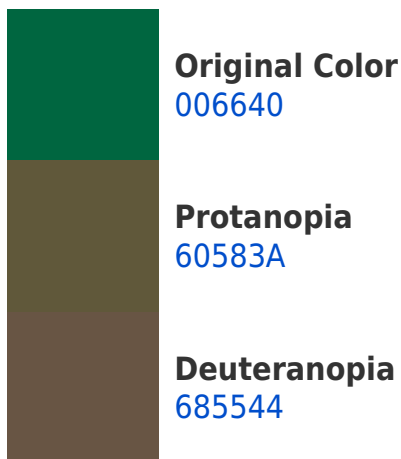


This preview shows how white text looks on a background with the Hex color 006640.

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
246169

Trichromacy



Original Color
006640



Protanomaly
3D5D3C



Deuteranomaly
425B43



Tritanomaly
17635A

Monochromacy



Original Color
006640



Achromatopsia
434343



Achromatomaly
2B5042

CSS Examples

Text

The CSS property to change the color of the text to Hex 006640 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 #006640 looks like.

```
.text, #text, p{  
    color:#006640  
}
```

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 #006640 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006640
}
```

Border

The CSS property to change the border of an element to Hex 006640 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
#006640 }
```

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

```
.border{ border-color:#006640 }
```

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

Here you see how a box with a 4 pixel #006640 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006640; -webkit-box-shadow:4px 4px  
4px 4px #006640; box-shadow:4px 4px 4px  
4px #006640 }
```

Background

The CSS property to change the background color of an element to Hex 006640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006640 }
```

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

```
.background{ background-color:#006640 }
```

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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