

Converting Colors

Hex(006052)

Have a look what the booklet for
Hex(006052) contains.

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Color

Hex(006052)

Conversions

Conversions Part 1

Format	Color
Hex	006052
RGB	0, 96, 82
RGB Percent	0%, 38%, 32%
CMY	1.0000, 0.6235, 0.6784
CMYK	1.00, 0.00, 0.15, 0.62
HSL	171°, 100%, 19%
HSV	171°, 100%, 38%
XYZ	5.7059, 8.9749, 9.4142
YIQ	65.7000, -52.7220, -24.7060

Conversions

Conversions Part 2

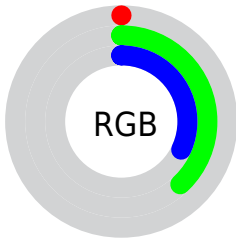
Format	Color
RYB	0, 52, 96
Decimal	24658
CIELab	35.94, -28.08, 1.11
CIELCh	36, 28.106, 177.743
Yxy	8.9749, 0.2368, 0.3725
Android (android.graphics.Color)	4278214738 (0xFF006052)
YUV	65.7000, 8.0359, -57.6189
Hunter-Lab	29.9582, -18.4296, 2.3391

Details

The Hex color **006052** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **60000E**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **459383**, and **003125** is the 20% darker color. If you saturate the color by 10%, you get **006052**, and if you desaturate by 10%, it is **0A6053**.

Distribution



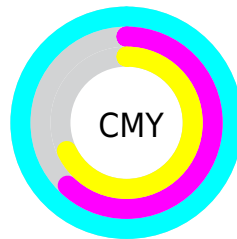
- Red (0%)
- Green (38%)
- Blue (32%)



- Red (0%)
- Yellow (20%)
- Blue (38%)



- Cyan (100%)
- Magenta (0%)
- Yellow (15%)
- Black (62%)



- Cyan (100%)
- Magenta (62%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006052 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 006052 by changing the saturation by 10% instead.

 006052

 006052

FFFFFF

 00483B

 459383

 003125

 60AE9D

 001D11

 7CCAB8

 000000

 97E6D4

 B3FFF0

 D0FFFF

 EDFFFF

 006052

■ 0A6053

■ 136055

■ 1D6056

■ 266058

■ 306059

■ 3A605A

■ 43605C

■ 4D605D

■ 56605F

Harmonies

Analogous

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



325E3C



006052



006069

Triad

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



006052



544F7C



754B2F

Complementary

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



006052



60000E

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.



7F4441



006052



6F476D

Square

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



006052



2B5781



7D4257



645327

Rectangle

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



006052



005E75



7D4257



794834

Sweetspot

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



006052



577D77



0E6000



29403C



BFBFBF



404040

Same Dimension

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



006052



007D6B



003E60



2C3030



007060



00F0CD

Inverse Universe

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



60000E



7D0012



602200



302C2C



700010



F00023

Previews

White Background



This preview shows how the Hex color 006052 looks on a white background.

Color Contrast Check

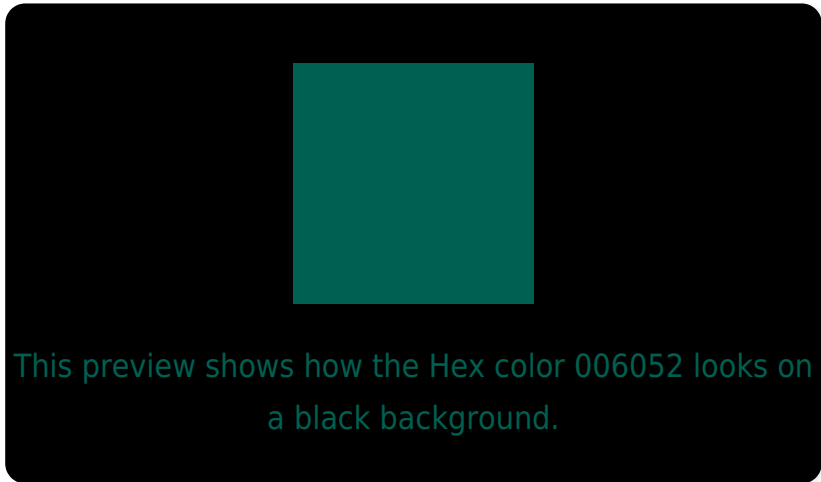
Large Text (above 18pt) WCAG AA ✓ Pass

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 006052 Background



This preview shows how black text looks on a background with the Hex color 006052.



This preview shows how white text looks on a background with the Hex color 006052.

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
006052

Protanopia
58544C

Deuteranopia
5C5255



Tritanopia
1B5D65

Trichromacy



Original Color
006052

Protanomaly
38584E

Deuteranomaly
3B5754

Tritanomaly
115E5E

Monochromacy



Original Color
006052

Achromatopsia
424242

Achromatomaly
2A4D48

CSS Examples

Text

The CSS property to change the color of the text to Hex 006052 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 #006052 looks like.

```
.text, #text, p{  
    color:#006052  
}
```

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 #006052 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006052
}
```

Border

The CSS property to change the border of an element to Hex 006052 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
#006052 }
```

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

```
.border{ border-color:#006052 }
```

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

Here you see how a box with a 4 pixel #006052 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006052; -webkit-box-shadow:4px 4px  
4px 4px #006052; box-shadow:4px 4px 4px  
4px #006052 }
```

Background

The CSS property to change the background color of an element to Hex 006052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006052 }
```

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

```
.background{ background-color:#006052 }
```

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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