

Converting Colors

Hex(006243)

Have a look what the booklet for
Hex(006243) contains.

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Color

Hex(006243)

Conversions

Conversions Part 1

Format	Color
Hex	006243
RGB	0, 98, 67
RGB Percent	0%, 38%, 26%
CMY	1.0000, 0.6157, 0.7373
CMYK	1.00, 0.00, 0.32, 0.62
HSL	161°, 100%, 19%
HSV	161°, 100%, 38%
XYZ	5.3808, 9.1406, 6.7909
YIQ	65.1640, -48.4570, -30.4170

Conversions

Conversions Part 2

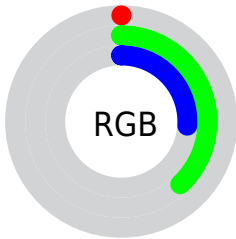
Format	Color
RYB	0, 58, 98
Decimal	25155
CIELab	36.25, -33.24, 10.78
CIELCh	36, 34.947, 162.037
Yxy	9.1406, 0.2525, 0.4289
Android (android.graphics.Color)	4278215235 (0xFF006243)
YUV	65.1640, 0.9051, -57.1488
Hunter-Lab	30.2334, -21.1400, 7.8459

Details

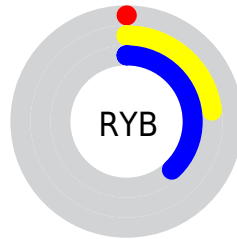
The Hex color **006243** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **62001F**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **459673**, and **003218** is the 20% darker color. If you saturate the color by 10%, you get **006243**, and if you desaturate by 10%, it is **0A6246**.

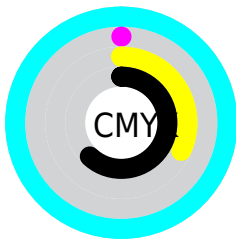
Distribution



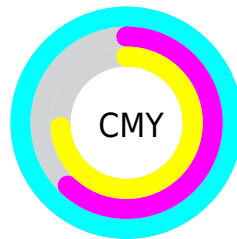
- Red (0%)
- Green (38%)
- Blue (26%)



- Red (0%)
- Yellow (23%)
- Blue (38%)



- Cyan (100%)
- Magenta (0%)
- Yellow (32%)
- Black (62%)



- Cyan (100%)
- Magenta (62%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006243 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 006243 by changing the saturation by 10% instead.

 006243

 006243

FFFFFF

 004A2D

 459673

 003218

 60B18D

 001E00

 7BCCA7

 000000

 96E9C2

 B2FFDE

 CFFFFB

 ECEFFF

 006243

■ 0A6246

■ 146249

■ 1D624C

■ 27624F

■ 316253

■ 3B6256

■ 456259

■ 4E625C

■ 58625F

Harmonies

Analogous

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



3B5E2A



006243



006360

Triad

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



006243



38548C



844331

Complementary

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



006243



62001F

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.



893D4B



006243



66497F

Square

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



006243



005D8A



803F67



734E1F

Rectangle

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



006243



006372



803F67



874039

Sweetspot

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



006243



598073



1F6200



294038



BFBFBF



404040

Same Dimension

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



006243



008057



005062



2C302F



00704D



00F0A4

Inverse Universe

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



62001F



800028



621200



302C2D



700023



F0004C

Previews

White Background



This preview shows how the Hex color 006243 looks on a white background.

Color Contrast Check

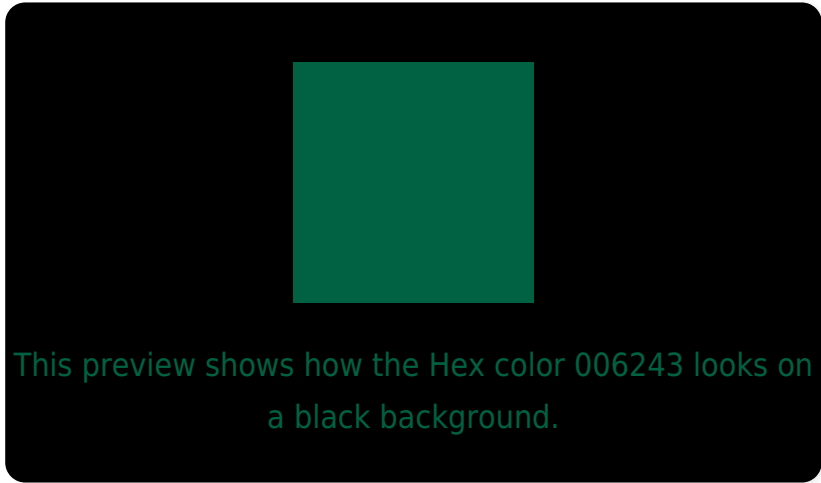
Large Text (above 18pt) WCAG AA ✓ Pass

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

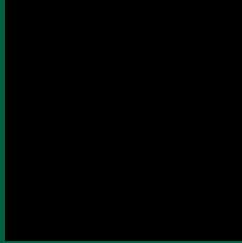
Any Text WCAG AA × Fail

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 006243 Background



This preview shows how black text looks on a background with the Hex color 006243.

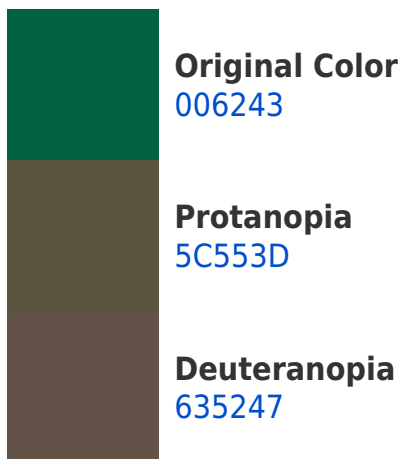


This preview shows how white text looks on a background with the Hex color 006243.

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
215E65

Trichromacy



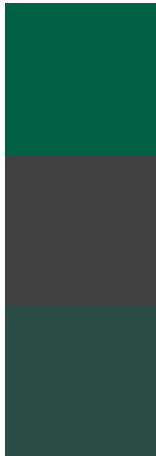
Original Color
006243

Protanomaly
3B5A3F

Deuteranomaly
3F5846

Tritanomaly
155F59

Monochromacy



Original Color
006243

Achromatopsia
414141

Achromatomaly
294D42

CSS Examples

Text

The CSS property to change the color of the text to Hex 006243 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 #006243 looks like.

```
.text, #text, p{  
    color:#006243  
}
```

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 #006243 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006243
}
```

Border

The CSS property to change the border of an element to Hex 006243 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
#006243 }
```

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

```
.border{ border-color:#006243 }
```

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

Here you see how a box with a 4 pixel #006243 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006243; -webkit-box-shadow:4px 4px  
4px 4px #006243; box-shadow:4px 4px 4px  
4px #006243 }
```

Background

The CSS property to change the background color of an element to Hex 006243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006243 }
```

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

```
.background{ background-color:#006243 }
```

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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