

Converting Colors

Hex(006E43)

Have a look what the booklet for
Hex(006E43) contains.

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Color

Hex(006E43)

Conversions

Conversions Part 1

Format	Color
Hex	006E43
RGB	0, 110, 67
RGB Percent	0%, 43%, 26%
CMY	1.0000, 0.5686, 0.7373
CMYK	1.00, 0.00, 0.39, 0.57
HSL	157°, 100%, 22%
HSV	157°, 100%, 43%
XYZ	6.5890, 11.5571, 7.1937
YIQ	72.2080, -51.7570, -36.6930

Conversions

Conversions Part 2

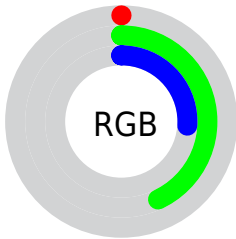
Format	Color
RYB	0, 68, 110
Decimal	28227
CIELab	40.50, -38.15, 16.57
CIELCh	41, 41.592, 156.527
Yxy	11.5571, 0.2600, 0.4561
Android (android.graphics.Color)	4278218307 (0xFF006E43)
YUV	72.2080, -2.5675, -63.3264
Hunter-Lab	33.9957, -24.8957, 11.2510

Details

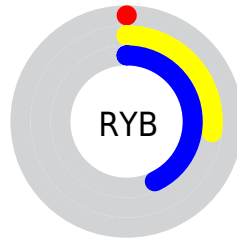
The Hex color **006E43** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6E002B**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **49A373**, and **003D17** is the 20% darker color. If you saturate the color by 10%, you get **006E43**, and if you desaturate by 10%, it is **0B6E47**.

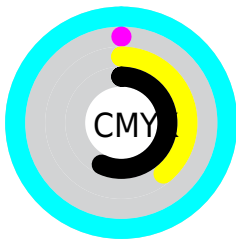
Distribution



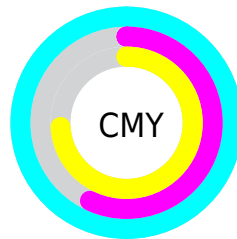
- Red (0%)
- Green (43%)
- Blue (26%)



- Red (0%)
- Yellow (27%)
- Blue (43%)



- Cyan (100%)
- Magenta (0%)
- Yellow (39%)
- Black (57%)



- Cyan (100%)
- Magenta (57%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006E43 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 006E43 by changing the saturation by 10% instead.

 006E43

 006E43

FFFFFF

 00552C

 49A373

 003D17

 64BE8D

 002700

 80DAA8

 000300

 9CF7C3

 000000

 B8FFDF

 D5FFFB

 F2FFFF

 006E43

■ 0B6E47

■ 166E4C

■ 216E50

■ 2C6E54

■ 376E59

■ 426E5D

■ 4D6E61

■ 586E65

■ 636E6A

Harmonies

Analogous

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



476925



006E43



007066

Triad

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



006E43



2561A3



994739

Complementary

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



006E43



6E002B

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.



9D4059



006E43



6B5396

Square

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



006E43



006A9E



8F467B



87541F

Rectangle

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



006E43



00707D



8F467B



9C4343

Sweetspot

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



006E43



648F7E



2C6E00



2E473D



C7C7C7



474747

Same Dimension

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



006E43



008F57



00636E



323836



007849



00F797

Inverse Universe

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



6E002B



8F0038



6E0B00



383235



78002F



F70061

Previews

White Background



This preview shows how the Hex color 006E43 looks on a white background.

Color Contrast Check

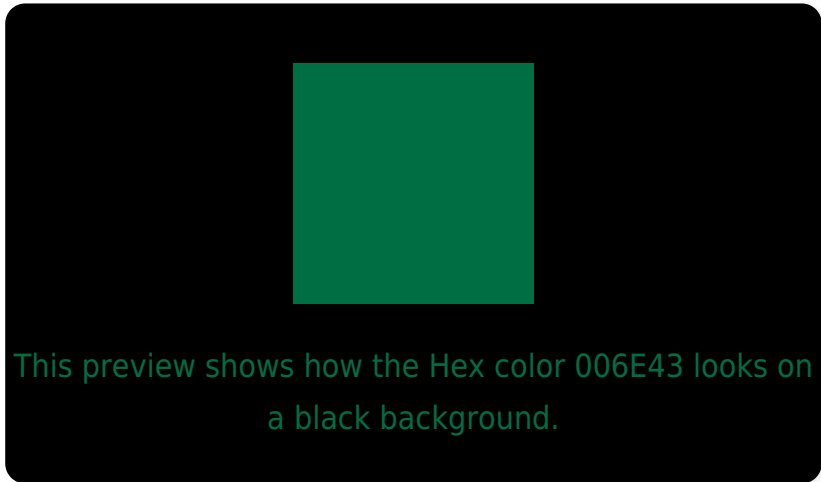
Large Text (above 18pt) WCAG AA ✓ Pass

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

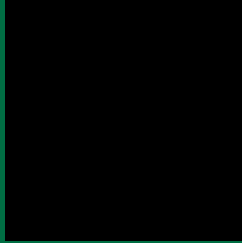
Any Text WCAG AA × Fail

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 006E43 Background



This preview shows how black text looks on a background with the Hex color 006E43.



This preview shows how white text looks on a background with the Hex color 006E43.

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
006E43

Protanopia
685F3D

Deuteranopia
705B47



Tritanopia
286971

Trichromacy



Original Color
006E43



Protanomaly
42643F



Deuteranomaly
476246



Tritanomaly
196B60

Monochromacy



Original Color
006E43



Achromatopsia
484848



Achromatomaly
2E5646

CSS Examples

Text

The CSS property to change the color of the text to Hex 006E43 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 #006E43 looks like.

```
.text, #text, p{  
    color:#006E43  
}
```

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 #006E43 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006E43
}
```

Border

The CSS property to change the border of an element to Hex 006E43 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
#006E43 }
```

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

```
.border{ border-color:#006E43 }
```

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

Here you see how a box with a 4 pixel #006E43 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006E43; -webkit-box-shadow:4px 4px  
4px 4px #006E43; box-shadow:4px 4px 4px  
4px #006E43 }
```

Background

The CSS property to change the background color of an element to Hex 006E43 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006E43 }
```

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

```
.background{ background-color:#006E43 }
```

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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