

Converting Colors

Hex(006445)

Have a look what the booklet for
Hex(006445) contains.

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Color

Hex(006445)

Conversions

Conversions Part 1

Format	Color
Hex	006445
RGB	0, 100, 69
RGB Percent	0%, 39%, 27%
CMY	1.0000, 0.6078, 0.7294
CMYK	1.00, 0.00, 0.31, 0.61
HSL	161°, 100%, 20%
HSV	161°, 100%, 39%
XYZ	5.6313, 9.5440, 7.1756
YIQ	66.5660, -49.6490, -30.8410

Conversions

Conversions Part 2

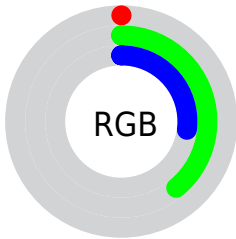
Format	Color
RYB	0, 59, 100
Decimal	25669
CIELab	37.01, -33.57, 10.61
CIELCh	37, 35.212, 162.457
Yxy	9.5440, 0.2520, 0.4270
Android (android.graphics.Color)	4278215749 (0xFF006445)
YUV	66.5660, 1.2000, -58.3784
Hunter-Lab	30.8934, -21.5259, 7.8541

Details

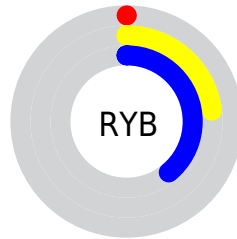
The Hex color **006445** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **64001F**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **459875**, and **00341A** is the 20% darker color. If you saturate the color by 10%, you get **006445**, and if you desaturate by 10%, it is **0A6448**.

Distribution



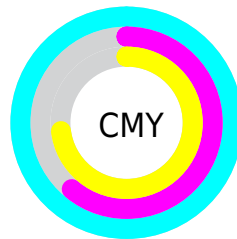
- Red (0%)
- Green (39%)
- Blue (27%)



- Red (0%)
- Yellow (23%)
- Blue (39%)



- Cyan (100%)
- Magenta (0%)
- Yellow (31%)
- Black (61%)



- Cyan (100%)
- Magenta (61%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006445 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 006445 by changing the saturation by 10% instead.

 006445

 006445

FFFFFF

 004B2F

 459875

 00341A

 61B38F

 002000

 7CCFA9

 000000

 97EBC5

 B3FFE1

 D0FFFD

 EDFFFF

 006445

■ 0A6448

■ 14644B

■ 1E644E

■ 286451

■ 326455

■ 3C6458

■ 46645B

■ 50645E

■ 5A6461

Harmonies

Analogous

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



3C602B



006445



006562

Triad

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



006445



3A568E



864532

Complementary

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



006445



64001F

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.



8C3E4C



006445



684B81

Square

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



006445



005F8D



824169



755020

Rectangle

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



006445



006475



824169



89423A

Sweetspot

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



006445



5B8276



206400



2A423B



C2C2C2



424242

Same Dimension

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



006445



00825A



005264



2E3331



00734F



00F2A7

Inverse Universe

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



64001F



820028



641200



332E2F



730024



F2004B

Previews

White Background



This preview shows how the Hex color 006445 looks on a white background.

Color Contrast Check

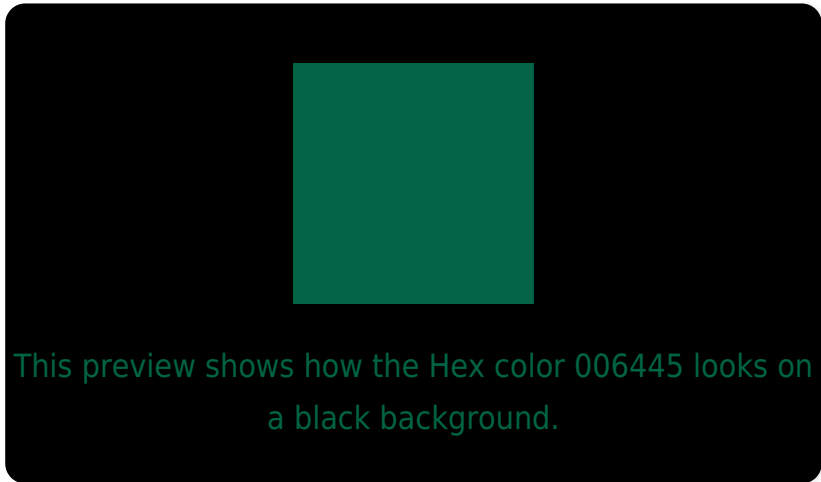
Large Text (above 18pt) WCAG AA ✓ Pass

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 006445 Background



This preview shows how black text looks on a background with the Hex color 006445.



This preview shows how white text looks on a background with the Hex color 006445.

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
006445

Protanopia
5E573F

Deuteranopia
655449



Tritanopia
226067

Trichromacy



Original Color
006445

Protanomaly
3C5C41

Deuteranomaly
405A48

Tritanomaly
16615B

Monochromacy



Original Color
006445

Achromatopsia
434343

Achromatomaly
2B4F44

CSS Examples

Text

The CSS property to change the color of the text to Hex 006445 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 #006445 looks like.

```
.text, #text, p{  
    color:#006445  
}
```

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 #006445 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006445
}
```

Border

The CSS property to change the border of an element to Hex 006445 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
#006445 }
```

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

```
.border{ border-color:#006445 }
```

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

Here you see how a box with a 4 pixel #006445 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006445; -webkit-box-shadow:4px 4px  
4px 4px #006445; box-shadow:4px 4px 4px  
4px #006445 }
```

Background

The CSS property to change the background color of an element to Hex 006445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006445 }
```

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

```
.background{ background-color:#006445 }
```

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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