

Converting Colors

Hex(006546)

Have a look what the booklet for
Hex(006546) contains.

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Color

Hex(006546)

Conversions

Conversions Part 1

Format	Color
Hex	006546
RGB	0, 101, 70
RGB Percent	0%, 40%, 27%
CMY	1.0000, 0.6039, 0.7255
CMYK	1.00, 0.00, 0.31, 0.60
HSL	162°, 100%, 20%
HSV	162°, 100%, 40%
XYZ	5.7592, 9.7496, 7.3727
YIQ	67.2670, -50.2450, -31.0530

Conversions

Conversions Part 2

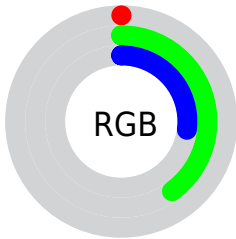
Format	Color
RYB	0, 60, 101
Decimal	25926
CIELab	37.39, -33.74, 10.53
CIELCh	37, 35.345, 162.663
Yxy	9.7496, 0.2517, 0.4261
Android (android.graphics.Color)	4278216006 (0xFF006546)
YUV	67.2670, 1.3474, -58.9932
Hunter-Lab	31.2243, -21.7190, 7.8575

Details

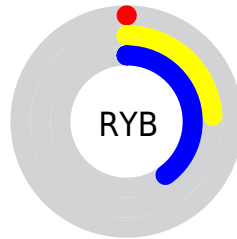
The Hex color **006546** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **65001F**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **469976**, and **00351B** is the 20% darker color. If you saturate the color by 10%, you get **006546**, and if you desaturate by 10%, it is **0A6549**.

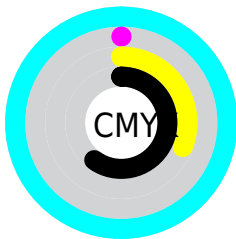
Distribution



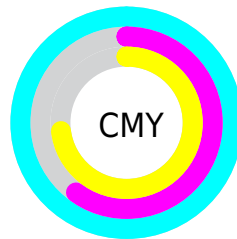
- Red (0%)
- Green (40%)
- Blue (27%)



- Red (0%)
- Yellow (24%)
- Blue (40%)



- Cyan (100%)
- Magenta (0%)
- Yellow (31%)
- Black (60%)



- Cyan (100%)
- Magenta (60%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006546 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 006546 by changing the saturation by 10% instead.

 006546

 006546

FFFFFF

 004C30

 469976

 00351B

 61B490

 002100

 7CD0AB

 000000

 98ECC6

 B4FFE2

 D0FFF

 EEEFFF

 006546

 0A6549

 14654C

 1E654F

 286552

 336556

 3D6559

 47655C

 51655F

 5B6562

Harmonies

Analogous

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



3D612C



006546



006664

Triad

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



006546



3B5790



874633

Complementary

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



006546



65001F

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.



8D3F4D



006546



694C82

Square

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



006546



00608E



84416A



765120

Rectangle

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



006546



006576



84416A



8B433B

Sweetspot

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



006546



5B8276



206500



2A423B



C2C2C2



424242

Same Dimension

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



006546



00825A



005265



2E3331



007350



00F2A8

Inverse Universe

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



65001F



820028



651300



332E2F



730023



F2004A

Previews

White Background



This preview shows how the Hex color 006546 looks on a white background.

Color Contrast Check

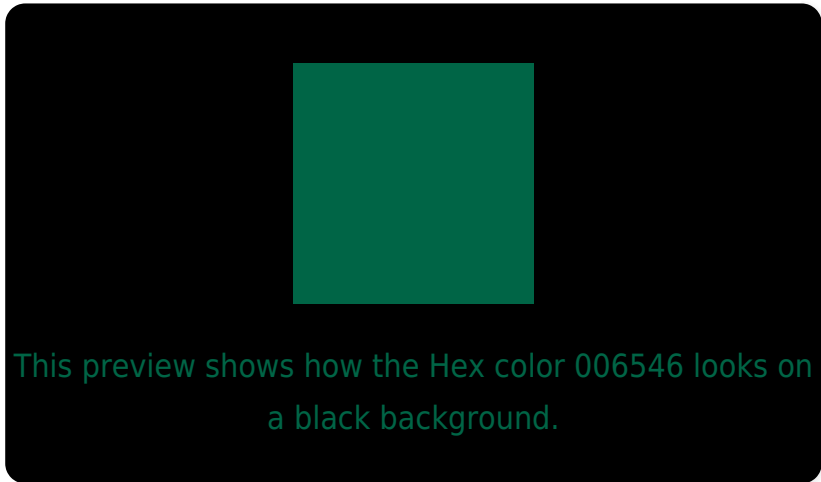
Large Text (above 18pt) WCAG AA ✓ Pass

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

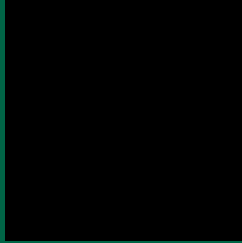
Any Text WCAG AA × Fail

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 006546 Background



This preview shows how black text looks on a background with the Hex color 006546.



This preview shows how white text looks on a background with the Hex color 006546.

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
006546

Protanopia
5F5840

Deuteranopia
65554A



Tritanopia
226168

Trichromacy



Original Color
006546

Protanomaly
3C5D42

Deuteranomaly
405B49

Tritanomaly
16625C

Monochromacy



Original Color
006546

Achromatopsia
434343

Achromatomaly
2B4F44

CSS Examples

Text

The CSS property to change the color of the text to Hex 006546 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 #006546 looks like.

```
.text, #text, p{  
    color:#006546  
}
```

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 #006546 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006546
}
```

Border

The CSS property to change the border of an element to Hex 006546 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
#006546 }
```

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

```
.border{ border-color:#006546 }
```

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

Here you see how a box with a 4 pixel #006546 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006546; -webkit-box-shadow:4px 4px  
4px 4px #006546; box-shadow:4px 4px 4px  
4px #006546 }
```

Background

The CSS property to change the background color of an element to Hex 006546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006546 }
```

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

```
.background{ background-color:#006546 }
```

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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