

Converting Colors

Hex(006940)

Have a look what the booklet for
Hex(006940) contains.

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Color

Hex(006940)

Conversions

Conversions Part 1

Format	Color
Hex	006940
RGB	0, 105, 64
RGB Percent	0%, 41%, 25%
CMY	1.0000, 0.5882, 0.7490
CMYK	1.00, 0.00, 0.39, 0.59
HSL	157°, 100%, 21%
HSV	157°, 100%, 41%
XYZ	5.9770, 10.4733, 6.5570
YIQ	68.9310, -49.4190, -35.0110

Conversions

Conversions Part 2

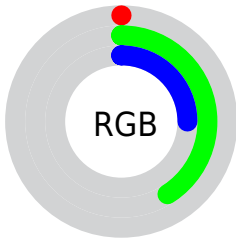
Format	Color
RYB	0, 65, 105
Decimal	26944
CIELab	38.68, -36.85, 15.88
CIELCh	39, 40.129, 156.688
Yxy	10.4733, 0.2598, 0.4552
Android (android.graphics.Color)	4278217024 (0xFF006940)
YUV	68.9310, -2.4310, -60.4525
Hunter-Lab	32.3625, -23.6674, 10.6409

Details

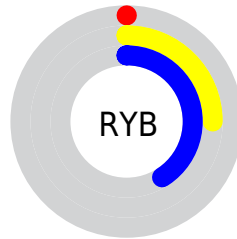
The Hex color **006940** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **690029**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **479D70**, and **003815** is the 20% darker color. If you saturate the color by 10%, you get **006940**, and if you desaturate by 10%, it is **0A6944**.

Distribution



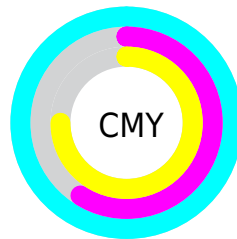
- Red (0%)
- Green (41%)
- Blue (25%)



- Red (0%)
- Yellow (25%)
- Blue (41%)



- Cyan (100%)
- Magenta (0%)
- Yellow (39%)
- Black (59%)



- Cyan (100%)
- Magenta (59%)
- Yellow (75%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006940 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 006940 by changing the saturation by 10% instead.

 006940

 006940

FFFFFF

 00502A

 479D70

 003815

 62B88A

 002400

 7ED4A4

 000000

 99F1BF

 B6FFDB

 D2FFF8

 EFFFFFF

 006940

 0A6944

 156948

 20694C

 2A6950

 356955

 3F6959

 4A695D

 546961

 5F6965

Harmonies

Analogous

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



436423



006940



006B62

Triad

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



006940



245C9C



924336

Complementary

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



006940



690029

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.



963D55



006940



664F90

Square

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



006940



006597



884275



81501D

Rectangle

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



006940



006B77



884275



954040

Sweetspot

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



006940



608A7A



2A6900



2C453B



C4C4C4



454545

Same Dimension

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



006940



008A54



005E69



303633



007547



00F595

Inverse Universe

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



690029



8A0036



690A00



363032



75002E



F50060

Previews

White Background



This preview shows how the Hex color 006940 looks on a white background.

Color Contrast Check

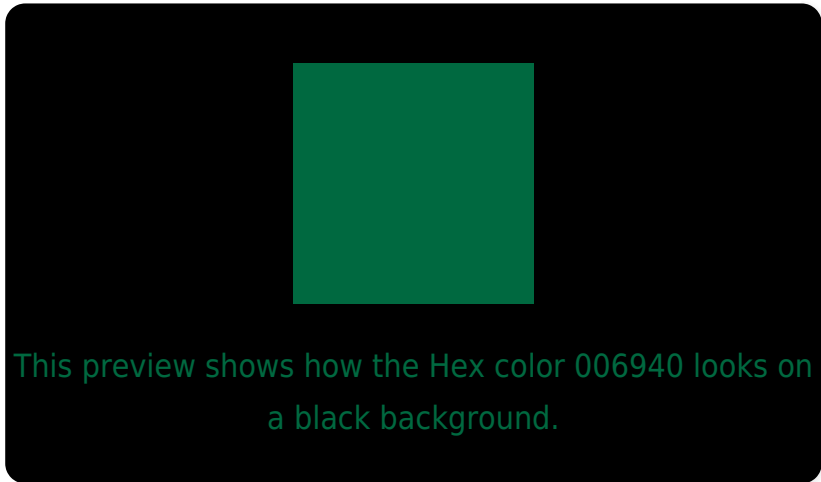
Large Text (above 18pt) WCAG AA ✓ Pass

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 006940 Background



This preview shows how black text looks on a background with the Hex color 006940.



This preview shows how white text looks on a background with the Hex color 006940.

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
006940

Protanopia
635B3A

Deuteranopia
6B5744



Tritanopia
26646C

Trichromacy



Original Color
006940



Protanomaly
3F603C



Deuteranomaly
445E43



Tritanomaly
18665C

Monochromacy



Original Color
006940



Achromatopsia
454545



Achromatomaly
2C5243

CSS Examples

Text

The CSS property to change the color of the text to Hex 006940 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 #006940 looks like.

```
.text, #text, p{  
    color:#006940  
}
```

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 #006940 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006940
}
```

Border

The CSS property to change the border of an element to Hex 006940 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
#006940 }
```

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

```
.border{ border-color:#006940 }
```

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

Here you see how a box with a 4 pixel #006940 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006940; -webkit-box-shadow:4px 4px  
4px 4px #006940; box-shadow:4px 4px 4px  
4px #006940 }
```

Background

The CSS property to change the background color of an element to Hex 006940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006940 }
```

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

```
.background{ background-color:#006940 }
```

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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