

Converting Colors

Hex(007636)

Have a look what the booklet for
Hex(007636) contains.

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Color

Hex(007636)

Conversions

Conversions Part 1

Format	Color
Hex	007636
RGB	0, 118, 54
RGB Percent	0%, 46%, 21%
CMY	1.0000, 0.5373, 0.7882
CMYK	1.00, 0.00, 0.54, 0.54
HSL	147°, 100%, 23%
HSV	147°, 100%, 46%
XYZ	7.1443, 13.2232, 5.6658
YIQ	75.4220, -49.7840, -44.9200

Conversions

Conversions Part 2

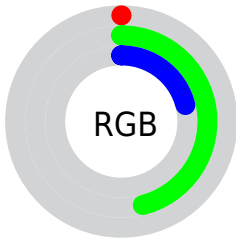
Format	Color
RYB	0, 81, 118
Decimal	30262
CIELab	43.10, -43.72, 27.23
CIELCh	43, 51.502, 148.088
Yxy	13.2232, 0.2744, 0.5079
Android (android.graphics.Color)	4278220342 (0xFF007636)
YUV	75.4220, -10.5610, -66.1451
Hunter-Lab	36.3637, -28.5671, 16.2167

Details

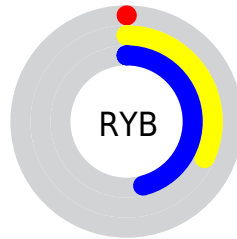
The Hex color **007636** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **760040**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **4CAB66**, and **004408** is the 20% darker color. If you saturate the color by 10%, you get **007636**, and if you desaturate by 10%, it is **0C763C**.

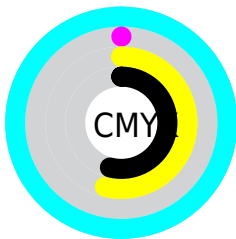
Distribution



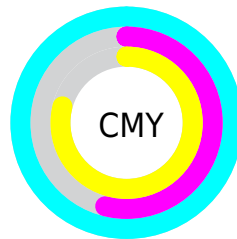
- Red (0%)
- Green (46%)
- Blue (21%)



- Red (0%)
- Yellow (32%)
- Blue (46%)



- Cyan (100%)
- Magenta (0%)
- Yellow (54%)
- Black (54%)



- Cyan (100%)
- Magenta (54%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007636 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 007636 by changing the saturation by 10% instead.

 007636

 007636

FFFFFF

 005D1F

 4CAB66

 004408

 68C780

 002D00

 84E39A

 001300

 A0FFB5

 000000

 BCFFD1

 D9FFED

 F7FFFF

 007636

 0C763C

 187643

 237649

 2F7650

 3B7656

 47765C

 537663

 5E7669

 6A7670

Harmonies

Analogous

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



536F0D



007636



007962

Triad

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



007636



006CBB



AF4040

Complementary

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



007636



760040

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.



AF3A6A



007636



5F5CB1

Square

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



007636



0075AE



964894



9D521B

Rectangle

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



007636



007A7F



964894



B23C4E

Sweetspot

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



007636



6B9980



417600



314D3E



CCCCCC



4D4D4D

Same Dimension

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



007636



009946



007670



353B37



007A38



00FA72

Inverse Universe

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



760040



990053



760006



3B3538



7A0042



FA0088

Previews

White Background



This preview shows how the Hex color 007636 looks on a white background.

Color Contrast Check

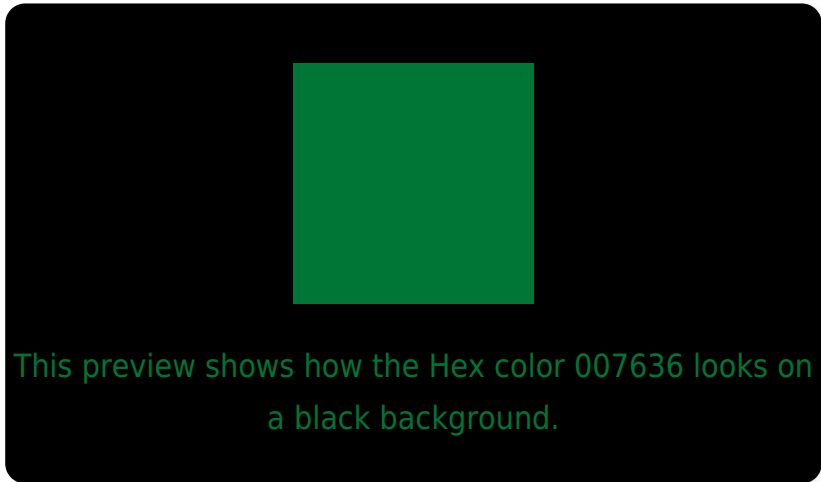
Large Text (above 18pt) WCAG AA ✓ Pass

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 007636 Background



This preview shows how black text looks on a background with the Hex color 007636.



This preview shows how white text looks on a background with the Hex color 007636.

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
007636

Protanopia
706631

Deuteranopia
7B613C



Tritanopia
2E6F78

Trichromacy



Original Color
007636



Protanomaly
476C33



Deuteranomaly
4E693A



Tritanomaly
1D7260

Monochromacy



Original Color
007636



Achromatopsia
4B4B4B



Achromatomaly
305B43

CSS Examples

Text

The CSS property to change the color of the text to Hex 007636 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 #007636 looks like.

```
.text, #text, p{  
    color:#007636  
}
```

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 #007636 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007636
}
```

Border

The CSS property to change the border of an element to Hex 007636 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
#007636 }
```

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

```
.border{ border-color:#007636 }
```

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

Here you see how a box with a 4 pixel #007636 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007636; -webkit-box-shadow:4px 4px  
4px 4px #007636; box-shadow:4px 4px 4px  
4px #007636 }
```

Background

The CSS property to change the background color of an element to Hex 007636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007636 }
```

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

```
.background{ background-color:#007636 }
```

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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