

Converting Colors

Hex(006F2C)

Have a look what the booklet for
Hex(006F2C) contains.

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Color

Hex(006F2C)

Conversions

Conversions Part 1

Format	Color
Hex	006F2C
RGB	0, 111, 44
RGB Percent	0%, 44%, 17%
CMY	1.0000, 0.5647, 0.8275
CMYK	1.00, 0.00, 0.60, 0.56
HSL	144°, 100%, 22%
HSV	144°, 100%, 44%
XYZ	6.1391, 11.5507, 4.2888
YIQ	70.1730, -44.6490, -44.3690

Conversions

Conversions Part 2

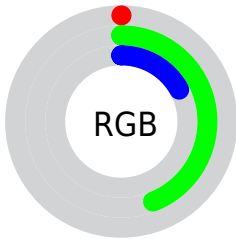
Format	Color
RYB	0, 79, 111
Decimal	28460
CIELab	40.49, -42.89, 29.35
CIELCh	40, 51.974, 145.615
Yxy	11.5507, 0.2793, 0.5255
Android (android.graphics.Color)	4278218540 (0xFF006F2C)
YUV	70.1730, -12.9033, -61.5417
Hunter-Lab	33.9864, -27.2331, 16.3085

Details

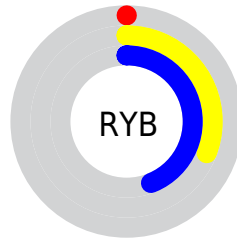
The Hex color **006F2C** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6F0043**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **49A45C**, and **003E00** is the 20% darker color. If you saturate the color by 10%, you get **006F2C**, and if you desaturate by 10%, it is **0B6F33**.

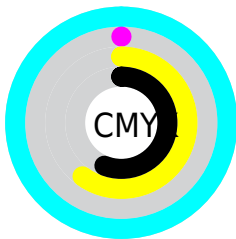
Distribution



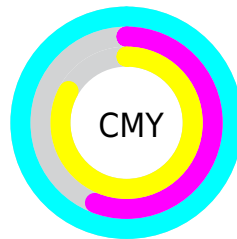
- Red (0%)
- Green (44%)
- Blue (17%)



- Red (0%)
- Yellow (31%)
- Blue (44%)



- Cyan (100%)
- Magenta (0%)
- Yellow (60%)
- Black (56%)



- Cyan (100%)
- Magenta (56%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006F2C 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 006F2C by changing the saturation by 10% instead.

 006F2C

 006F2C

FFFFFF

 005615

 49A45C

 003E00

 65BF75

 002900

 81DB8F

 000300

 9DF8AA

 000000

 B9FFC5

 D6FFE1

 F4FFFE

 006F2C

 0B6F33

 166F39

 216F40

 2C6F47

 386F4E

 436F54

 4E6F5B

 596F62

 646F68

Harmonies

Analogous

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



506800



006F2C



007258

Triad

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



006F2C



0066B5



A9373D

Complementary

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



006F2C



6F0043

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.



A73368



006F2C



5157AD

Square

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



006F2C



006FA5



8C4290



984A17

Rectangle

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



006F2C



007375



8C4290



AB334B

Sweetspot

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



006F2C



669177



446F00



2F4A3A



C9C9C9



4A4A4A

Same Dimension

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



006F2C



00913A



006F62



323835



007830



00F762

Inverse Universe

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



6F0043



910058



6F000D



383236



780048



F70095

Previews

White Background



This preview shows how the Hex color 006F2C looks on a white background.

Color Contrast Check

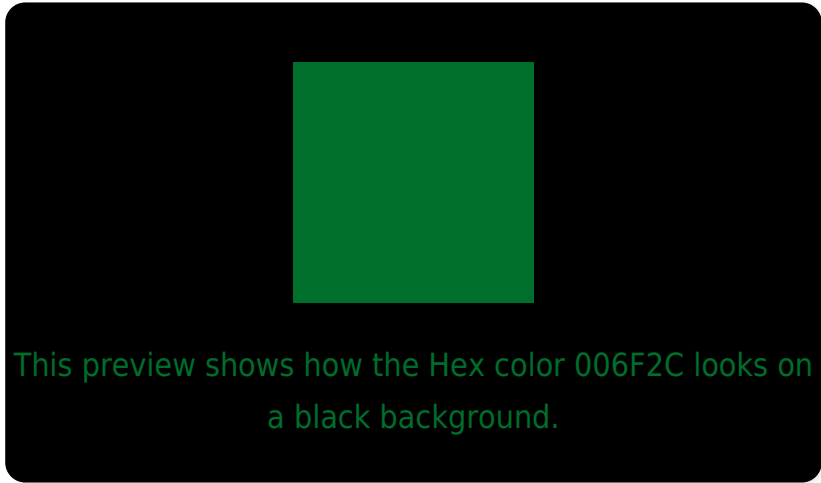
Large Text (above 18pt) WCAG AA ✓ Pass

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 006F2C Background



This preview shows how black text looks on a background with the Hex color 006F2C.



This preview shows how white text looks on a background with the Hex color 006F2C.

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
006F2C

Protanopia
6A5F27

Deuteranopia
755B32



Tritanopia
2C6871

Trichromacy



Original Color
006F2C



Protanomaly
436529



Deuteranomaly
4A6230



Tritanomaly
1C6B58

Monochromacy



Original Color
006F2C



Achromatopsia
464646



Achromatomaly
2D553D

CSS Examples

Text

The CSS property to change the color of the text to Hex 006F2C 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 #006F2C looks like.

```
.text, #text, p{  
    color:#006F2C  
}
```

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 #006F2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006F2C
}
```

Border

The CSS property to change the border of an element to Hex 006F2C 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
#006F2C }
```

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

```
.border{ border-color:#006F2C }
```

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

Here you see how a box with a 4 pixel #006F2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006F2C; -webkit-box-shadow:4px 4px  
4px 4px #006F2C; box-shadow:4px 4px 4px  
4px #006F2C }
```

Background

The CSS property to change the background color of an element to Hex 006F2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006F2C }
```

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

```
.background{ background-color:#006F2C }
```

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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