

Converting Colors

Hex(056F2F)

Have a look what the booklet for
Hex(056F2F) contains.

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Color

Hex(056F2F)

Conversions

Conversions Part 1

Format	Color
Hex	056F2F
RGB	5, 111, 47
RGB Percent	2%, 44%, 18%
CMY	0.9804, 0.5647, 0.8157
CMYK	0.95, 0.00, 0.58, 0.56
HSL	144°, 91%, 23%
HSV	144°, 95%, 44%
XYZ	6.2601, 11.6064, 4.5996
YIQ	72.0100, -42.6320, -42.3760

Conversions

Conversions Part 2

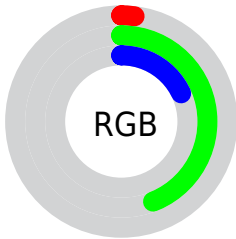
Format	Color
RYB	5, 81, 111
Decimal	356143
CIELab	40.58, -41.97, 27.90
CIELCh	41, 50.401, 146.384
Yxy	11.6064, 0.2786, 0.5166
Android (android.graphics.Color)	4278546223 (0xFF056F2F)
YUV	72.0100, -12.3299, -58.7678
Hunter-Lab	34.0681, -26.8194, 15.8428

Details

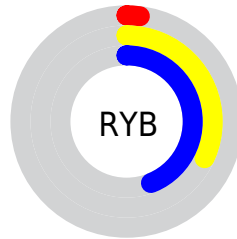
The Hex color **056F2F** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6F0545**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **4BA45F**, 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 **106F36**.

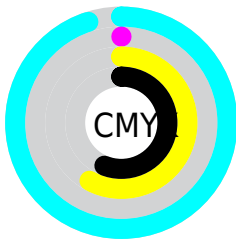
Distribution



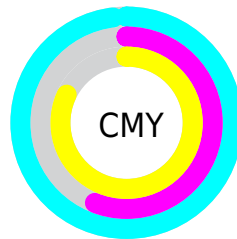
- Red (2%)
- Green (44%)
- Blue (18%)



- Red (2%)
- Yellow (32%)
- Blue (44%)



- Cyan (95%)
- Magenta (0%)
- Yellow (58%)
- Black (56%)



- Cyan (98%)
- Magenta (56%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 056F2F 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 056F2F by changing the saturation by 10% instead.

 056F2F

 056F2F

FFFFFF

 005618

 4BA45F

 003E00

 67BF78

 002900

 82DB92

 000400

 9EF8AD

 000000

 BBFC8

 D7FFE5

 F5FFFF

 056F2F

 056F2F

■ 006F2C

■ 106F36

■ 1B6F3C

■ 266F43

■ 316F4A

■ 3D6F51

■ 486F57

■ 536F5E

■ 5E6F65

■ 696F6B

Harmonies

Analogous

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



506805



056F2F



007259

Triad

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



056F2F



0066B2



A73A3E

Complementary

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



056F2F



6F0545

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.



A63566



056F2F



5457AA

Square

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



056F2F



006FA4



8C438E



964B19

Rectangle

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



056F2F



007376



8C438E



A9364B

Sweetspot

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



056F2F



679178



466F05



304A3A



C9C9C9



4A4A4A

Same Dimension

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



056F2F



00913A



056F63



323835



00782F



00F762

Inverse Universe

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



6F0545



910058



6F0511



383236



780048



F70095

Previews

White Background



This preview shows how the Hex color 056F2F looks on a white background.

Color Contrast Check

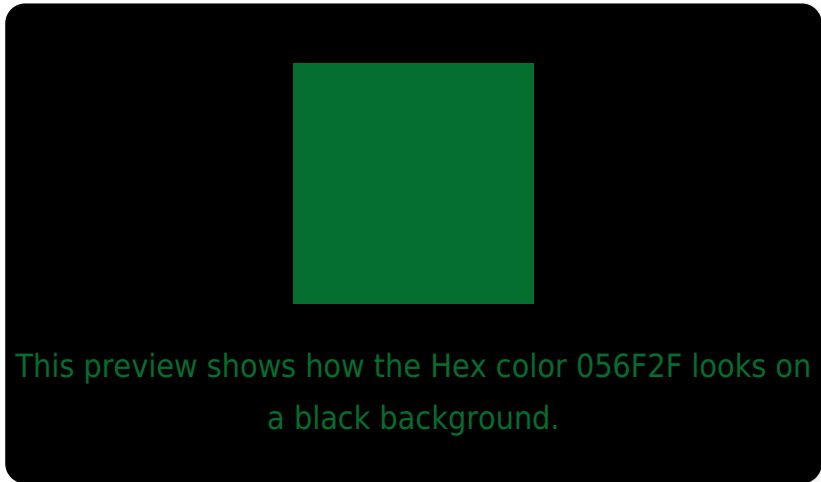
Large Text (above 18pt) WCAG AA ✓ Pass

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 056F2F Background



This preview shows how black text looks on a background with the Hex color 056F2F.



This preview shows how white text looks on a background with the Hex color 056F2F.

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
056F2F

Protanopia
6A602A

Deuteranopia
755B35



Tritanopia
2C6871

Trichromacy



Original Color

056F2F



Protanomaly

45652C



Deuteranomaly

4C6233



Tritanomaly

1E6B59

Monochromacy



Original Color

056F2F



Achromatopsia

484848



Achromatomaly

30563F

CSS Examples

Text

The CSS property to change the color of the text to Hex 056F2F 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 #056F2F looks like.

```
.text, #text, p{  
    color:#056F2F  
}
```

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 #056F2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #056F2F
}
```

Border

The CSS property to change the border of an element to Hex 056F2F 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
#056F2F }
```

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

```
.border{ border-color:#056F2F }
```

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

Here you see how a box with a 4 pixel #056F2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #056F2F; -webkit-box-shadow:4px 4px  
4px 4px #056F2F; box-shadow:4px 4px 4px  
4px #056F2F }
```

Background

The CSS property to change the background color of an element to Hex 056F2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#056F2F }
```

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

```
.background{ background-color:#056F2F }
```

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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