

# Converting Colors

Hex(05800F)

Have a look what the booklet for  
Hex(05800F) contains.

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# Color

**Hex(05800F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	05800F
RGB	5, 128, 15
RGB Percent	2%, 50%, 6%
CMY	0.9804, 0.4980, 0.9412
CMYK	0.96, 0.00, 0.88, 0.50
HSL	125°, 92%, 26%
HSV	125°, 96%, 50%
XYZ	7.8680, 15.5051, 3.0300
YIQ	78.3410, -37.0350, -61.2190

# Conversions

## Conversions Part 2

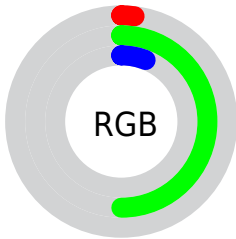
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 119, 128
Decimal	360463
CIELab	46.32, -50.70, 46.84
CIELCh	46, 69.026, 137.269
Yxy	15.5051, 0.2980, 0.5872
Android (android.graphics.Color)	4278550543 (0xFF05800F)
YUV	78.3410, -31.2271, -64.3201
Hunter-Lab	39.3765, -33.2421, 23.0012

# Details

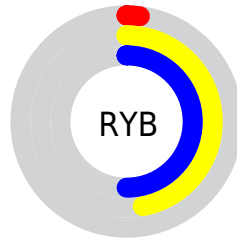
The Hex color **05800F** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **800576**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **52B647**, and **004D00** is the 20% darker color. If you saturate the color by 10%, you get **00800A**, and if you desaturate by 10%, it is **12801B**.

# Distribution



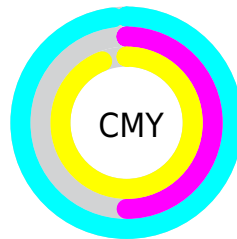
- Red (2%)
- Green (50%)
- Blue (6%)



- Red (2%)
- Yellow (47%)
- Blue (50%)



- Cyan (96%)
- Magenta (0%)
- Yellow (88%)
- Black (50%)



- Cyan (98%)
- Magenta (50%)
- Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 05800F 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 05800F by changing the saturation by 10% instead.



 05800F

 05800F

FFFFFF

 006600

 52B647

 004D00

 6FD261

 003500

 8CEF7B

 001E00

 A9FF96

 000000

 C6FFB1

 E3FFCE

 FFFFEA

 05800F

 05800F

■ 00800A

■ 12801B

■ 1F8027

■ 2B8032

■ 38803E

■ 45804A

■ 528056

■ 5F8061

■ 6B806D

■ 788079

# Harmonies

## Analogous

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



667500



05800F



008552

# Triad

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



05800F



007CE0



D1254F

# Complementary

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



05800F



800576

# 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.



C72989



05800F



0B69DE

# Square

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



05800F



0085C2



984CBD



BF4616

# Rectangle

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



05800F



00877B



984CBD



D12062



# Sweetspot

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



05800F



76A67A



788005



375439



D4D4D4



545454



# Same Dimension

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



05800F



00A60D



05804B



39403A



00800A



000000



# Inverse Universe

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



800576



A60098



80053A



40393F



800075

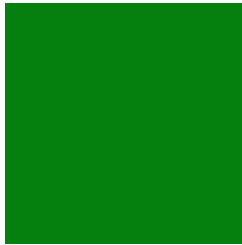


000000



# Previews

## White Background



This preview shows how the Hex color 05800F looks on a white background.

## Color Contrast Check

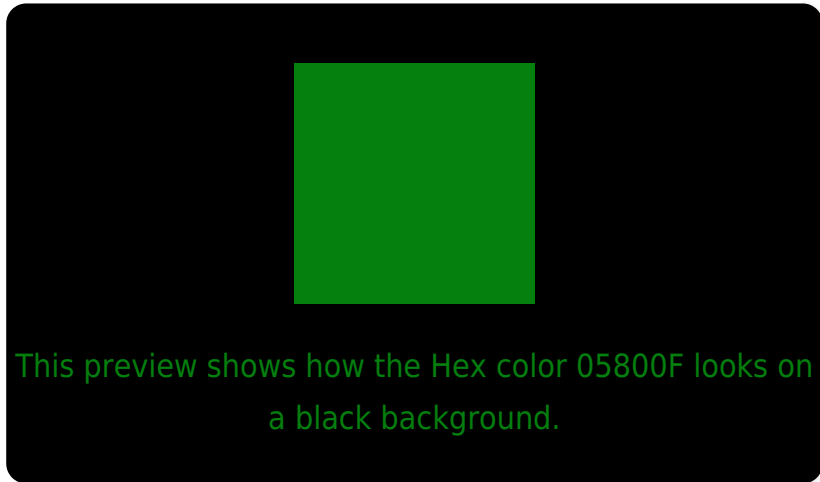
Large Text (above 18pt) WCAG AA ✓ Pass

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 05800F Background



This preview shows how black text looks on a background with the Hex color 05800F.



This preview shows how white text looks on a background with the Hex color 05800F.

# 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**  
05800F

**Protanopia**  
7B6E08

**Deuteranopia**  
89681F



**Tritanopia**  
367781

# Trichromacy



**Original Color**  
05800F



**Protanomaly**  
50750B



**Deuteranomaly**  
597119



**Tritanomaly**  
247A58

# Monochromacy



**Original Color**  
05800F



**Achromatopsia**  
4E4E4E



**Achromatomaly**  
336037

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 05800F 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 #05800F looks like.

```
.text, #text, p{  
    color:#05800F  
}
```

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 #05800F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05800F
}
```

## Border

The CSS property to change the border of an element to Hex 05800F is called "border". The border property can be set on classes, ids or directly on the HTML element.

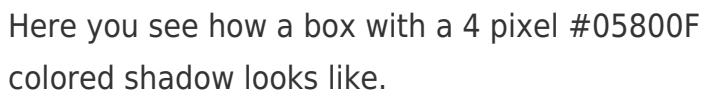
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#05800F }
```

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

```
.border{ border-color:#05800F }
```

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



Here you see how a box with a 4 pixel #05800F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05800F; -webkit-box-shadow:4px 4px  
4px 4px #05800F; box-shadow:4px 4px 4px  
4px #05800F }
```

# Background

The CSS property to change the background color of an element to Hex 05800F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05800F }
```

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

```
.background{ background-color:#05800F }
```

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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