

# Converting Colors

Hex(5E861F)

Have a look what the booklet for  
Hex(5E861F) contains.

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# Color

Hex(5E861F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5E861F
RGB	94, 134, 31
RGB Percent	37%, 53%, 12%
CMY	0.6314, 0.4745, 0.8784
CMYK	0.30, 0.00, 0.77, 0.47
HSL	83°, 62%, 32%
HSV	83°, 77%, 53%
XYZ	13.3885, 19.5288, 4.3601
YIQ	110.2980, 9.2230, -40.5130

# Conversions

## Conversions Part 2

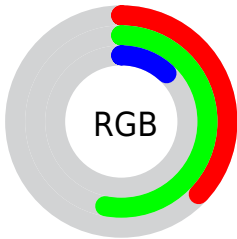
<b>Format</b>	<b>Color</b>
<b>RYB</b>	31, 134, 71
Decimal	6194719
CIELab	51.30, -29.93, 47.61
CIElCh	51, 56.237, 122.156
Yxy	19.5288, 0.3592, 0.5239
Android (android.graphics.Color)	4284384799 (0xFF5E861F)
YUV	110.2980, -39.0939, -14.2933
Hunter-Lab	44.1914, -23.2555, 25.0842

# Details

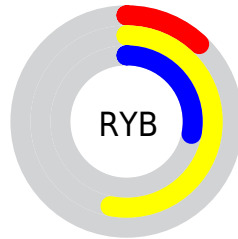
The Hex color **5E861F** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **471F86**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **94BB53**, and **2A5400** is the 20% darker color. If you saturate the color by 10%, you get **598612**, and if you desaturate by 10%, it is **63862C**.

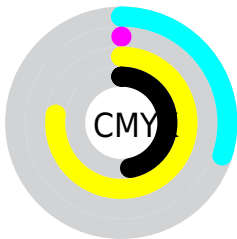
# Distribution



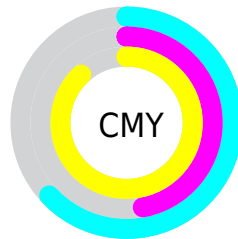
- Red (37%)
- Green (53%)
- Blue (12%)



- Red (12%)
- Yellow (53%)
- Blue (28%)



- Cyan (30%)
- Magenta (0%)
- Yellow (77%)
- Black (47%)



- Cyan (63%)
- Magenta (47%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E861F 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 5E861F by changing the saturation by 10% instead.



 5E861F

 5E861F

FFFFFF

 446D00

 94BB53

 2A5400

 AFD76D

 0D3C00

 CCF488

 002700

 E9FFA3

 000900

 FFFFBF

 000000

 FFFFDB

 FFFFF8

 5E861F

 5E861F

■ 598612

■ 63862C

■ 548604

■ 68863A

■ 528600

■ 6E8647

■ 738655

■ 788662

■ 7D866F

■ 82867D

■ 88868A

■ 8D8698

# Harmonies

## Analogous

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



8F7904



5E861F



008D4B

# Triad

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



5E861F



008BCF



CF4A79

# Complementary

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



5E861F



471F86

# 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.



B756A8



5E861F



007FDB

# Square

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



5E861F



0090AC



7E6CCC



CC534A

# Rectangle

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



5E861F



00906C



7E6CCC



CA4C89



# Sweetspot

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



5E861F



9EAD86



86461F



4D573E



D6D6D6



575757



# Same Dimension

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



5E861F



6FAD0E



2B861F



40423C



508200



020300



# Inverse Universe

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



471F86



4C0EAD



7A1F86



3E3C42



330082



010003



# Previews

## White Background



This preview shows how the Hex color 5E861F looks on a white background.

## Color Contrast Check

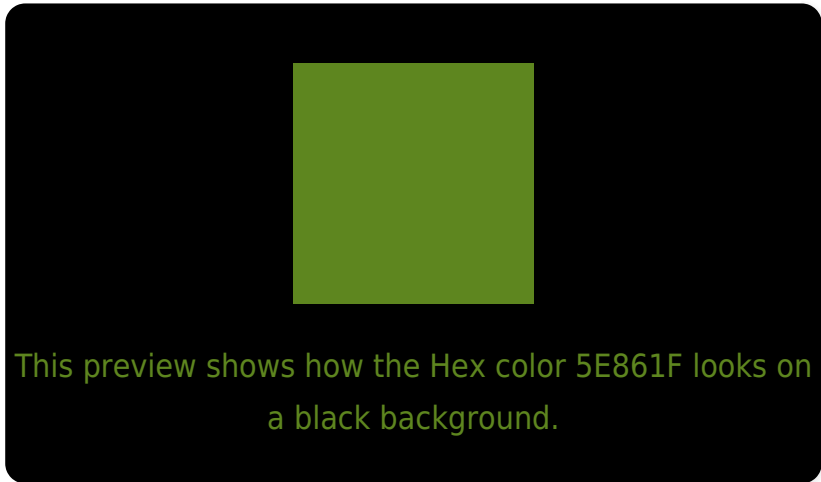
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

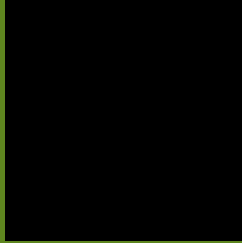
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5E861F Background



This preview shows how black text looks on a background with the Hex color 5E861F.



This preview shows how white text looks on a background with the Hex color 5E861F.

# 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](#).

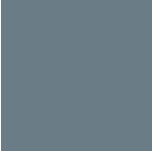
## Dichromacy



**Original Color**  
5E861F

**Protanopia**  
897A1C

**Deuteranopia**  
997427



**Tritanopia**  
6A7D87

# Trichromacy



**Original Color**  
5E861F

**Protanomaly**  
797E1D

**Deuteranomaly**  
847B24

**Tritanomaly**  
668061

# Monochromacy



**Original Color**  
5E861F

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
687751

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E861F 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 #5E861F looks like.

```
.text, #text, p{  
    color:#5E861F  
}
```

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 #5E861F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E861F
}
```

## Border

The CSS property to change the border of an element to Hex 5E861F 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
#5E861F }
```

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

```
.border{ border-color:#5E861F }
```

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

Here you see how a box with a 4 pixel #5E861F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E861F; -webkit-box-shadow:4px 4px  
4px 4px #5E861F; box-shadow:4px 4px 4px  
4px #5E861F }
```

# Background

The CSS property to change the background color of an element to Hex 5E861F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E861F }
```

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

```
.background{ background-color:#5E861F }
```

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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