

Converting Colors

Hex(5A801F)

Have a look what the booklet for
Hex(5A801F) contains.

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Color

Hex(5A801F)

Conversions

Conversions Part 1

Format	Color
Hex	5A801F
RGB	90, 128, 31
RGB Percent	35%, 50%, 12%
CMY	0.6471, 0.4980, 0.8784
CMYK	0.30, 0.00, 0.76, 0.50
HSL	84°, 61%, 31%
HSV	84°, 76%, 50%
XYZ	12.1829, 17.7109, 4.0728
YIQ	105.5800, 8.4890, -38.2230

Conversions

Conversions Part 2

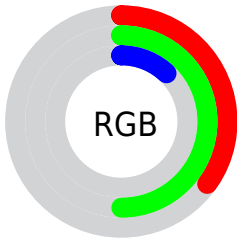
Format	Color
R_{YB}	31, 128, 69
Decimal	5931039
CIE _{Lab}	49.14, -28.69, 45.43
CIE _{LCh}	49, 53.731, 122.274
Yxy	17.7109, 0.3587, 0.5214
Android (android.graphics.Color)	4284121119 (0xFF5A801F)
YUV	105.5800, -36.7679, -13.6637
Hunter-Lab	42.0844, -21.9739, 23.7212

Details

The Hex color **5A801F** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **451F80**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **8FB553**, and **274E00** is the 20% darker color. If you saturate the color by 10%, you get **558012**, and if you desaturate by 10%, it is **5F802C**.

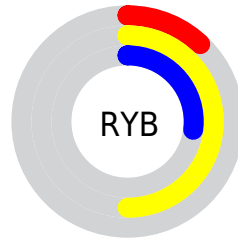
Distribution



Red (35%)

Green (50%)

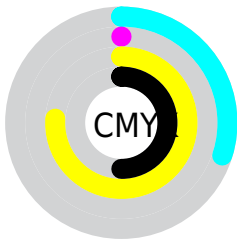
Blue (12%)



Red (12%)

Yellow (50%)

Blue (27%)

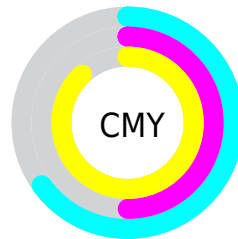


Cyan (30%)

Magenta (0%)

Yellow (76%)

Black (50%)



Cyan (65%)

Magenta (50%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A801F 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 5A801F by changing the saturation by 10% instead.



5A801F



5A801F

FFFFFF



406700



8FB553



274E00



ABD16C



093700



C7ED87



002300



E4FFA2



000000



FFFFBD



FFFFDA



FFFFF7



5A801F



5A801F

■ 558012

■ 5F802C

■ 508005

■ 648039

■ 4E8000

■ 698045

■ 6E8052

■ 73805F

■ 78806C

■ 7D8079

■ 828085

■ 878092

Harmonies

Analogous

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



887407



5A801F



008748

Triad

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



5A801F



0084C5



C54873

Complementary

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



5A801F



451F80

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.



AE53A0



5A801F



0079D0

Square

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



5A801F



0089A4



7967C2



C35047

Rectangle

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



5A801F



008967



7967C2



C14983

Sweetspot

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



5A801F



97A680



80441F



4B543D



D4D4D4



545454

Same Dimension

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



5A801F



6BA60F



2A801F



3D4039



4E8000



000000

Inverse Universe

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



451F80



4A0FA6



751F80



3C3940



320080



000000

Previews

White Background



This preview shows how the Hex color 5A801F looks on a white background.

Color Contrast Check

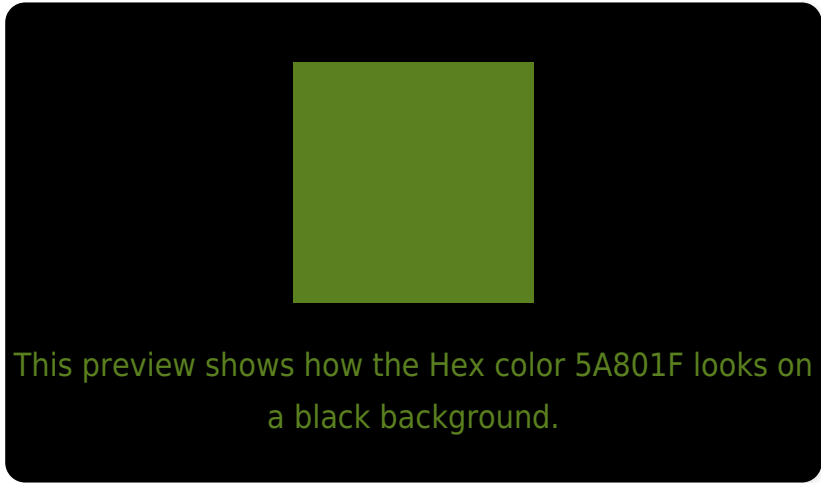
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 5A801F Background



This preview shows how black text looks on a background with the Hex color 5A801F.



This preview shows how white text looks on a background with the Hex color 5A801F.

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
5A801F

Protanopia
83751C

Deuteranopia
926F26

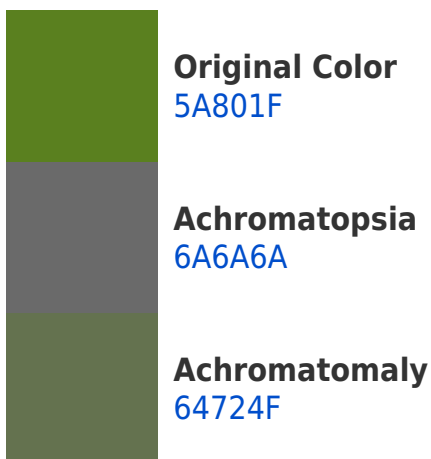


Tritanopia
667781

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5A801F 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 #5A801F looks like.

```
.text, #text, p{  
    color:#5A801F  
}
```

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 #5A801F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A801F
}
```

Border

The CSS property to change the border of an element to Hex 5A801F 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".

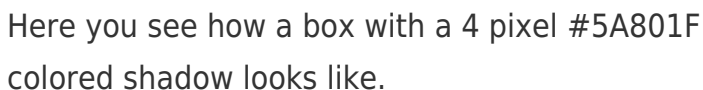
```
.border, #border, table{ border:4px solid
#5A801F }
```

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

```
.border{ border-color:#5A801F }
```

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

Here you see how a box with a 4 pixel #5A801F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A801F; -webkit-box-shadow:4px 4px  
4px 4px #5A801F; box-shadow:4px 4px 4px  
4px #5A801F }
```

Background

The CSS property to change the background color of an element to Hex 5A801F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A801F }
```

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

```
.background{ background-color:#5A801F }
```

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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