

Converting Colors

Hex(57801F)

Have a look what the booklet for
Hex(57801F) contains.

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Color

Hex(57801F)

Conversions

Conversions Part 1

Format	Color
Hex	57801F
RGB	87, 128, 31
RGB Percent	34%, 50%, 12%
CMY	0.6588, 0.4980, 0.8784
CMYK	0.32, 0.00, 0.76, 0.50
HSL	85°, 61%, 31%
HSV	85°, 76%, 50%
XYZ	11.8970, 17.5635, 4.0594
YIQ	104.6830, 6.7010, -38.8590

Conversions

Conversions Part 2

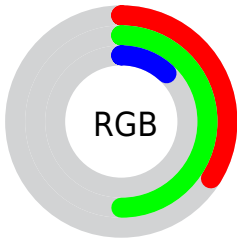
Format	Color
RYB	31, 128, 72
Decimal	5734431
CIELab	48.96, -29.90, 45.19
CIELCh	49, 54.185, 123.488
Yxy	17.5635, 0.3549, 0.5240
Android (android.graphics.Color)	4283924511 (0xFF57801F)
YUV	104.6830, -36.3257, -15.5080
Hunter-Lab	41.9088, -22.6683, 23.5932

Details

The Hex color **57801F** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **481F80**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **8CB553**, and **244E00** is the 20% darker color. If you saturate the color by 10%, you get **528012**, and if you desaturate by 10%, it is **5C802C**.

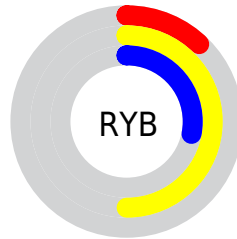
Distribution



Red (34%)

Green (50%)

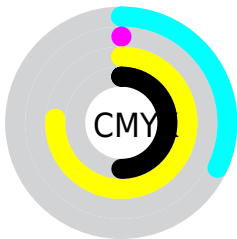
Blue (12%)



Red (12%)

Yellow (50%)

Blue (28%)

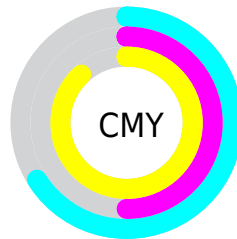


Cyan (32%)

Magenta (0%)

Yellow (76%)

Black (50%)



Cyan (66%)

Magenta (50%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57801F 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 57801F by changing the saturation by 10% instead.

■ 57801F

■ 57801F

FFFFFF

■ 3D6700

■ 8CB553

■ 244E00

■ A8D16C

■ 043700

■ C4ED87

■ 002300

■ E0FFA2

■ 000000

■ FEFFBD

■ FFFFDA

■ FFFFF6

■ 57801F

■ 57801F

■ 528012

■ 5C802C

■ 4C8005

■ 628039

■ 4A8000

■ 678045

■ 6D8052

■ 72805F

■ 77806C

■ 7D8079

■ 828085

■ 888092

Harmonies

Analogous

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



867404



57801F



008749

Triad

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



57801F



0084C6



C64671

Complementary

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



57801F



481F80

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.



B0519E



57801F



0078D0

Square

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



57801F



0089A6



7C66C1



C25044

Rectangle

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



57801F



008968



7C66C1



C14880

Sweetspot

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



57801F



96A680



80471F



4A543D



D4D4D4



545454

Same Dimension

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



57801F



66A60F



27801F



3D4039



4A8000



000000

Inverse Universe

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



481F80



4F0FA6



781F80



3C3940



360080



000000

Previews

White Background



This preview shows how the Hex color 57801F looks on a white background.

Color Contrast Check

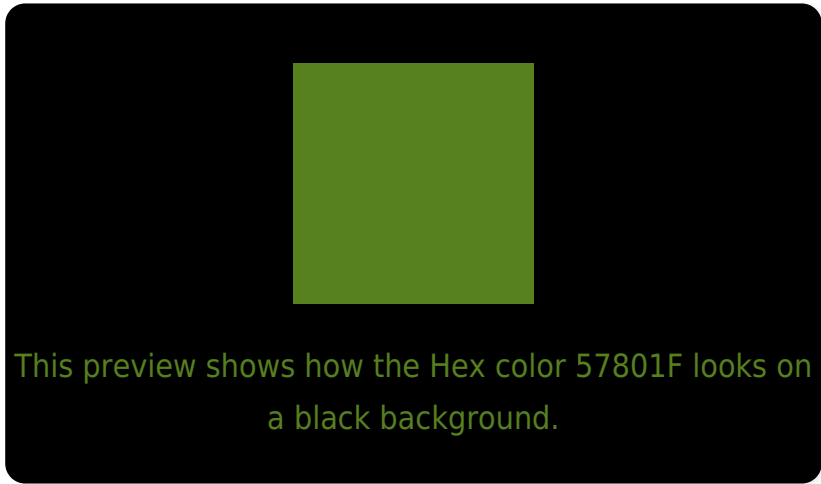
Large Text (above 18pt) WCAG AA ✓ Pass

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 57801F Background



This preview shows how black text looks on a background with the Hex color 57801F.



This preview shows how white text looks on a background with the Hex color 57801F.

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
57801F

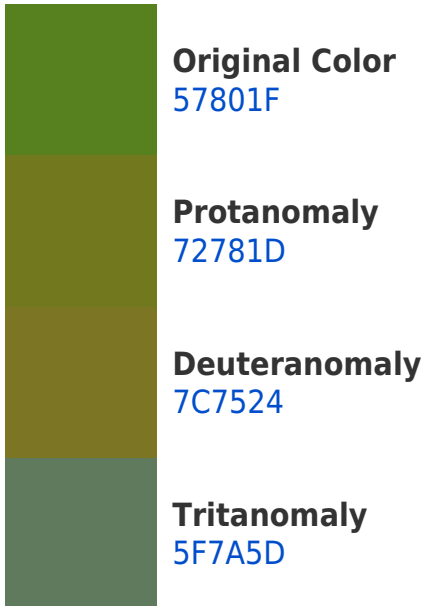
Protanopia
82741C

Deuteranopia
916E27

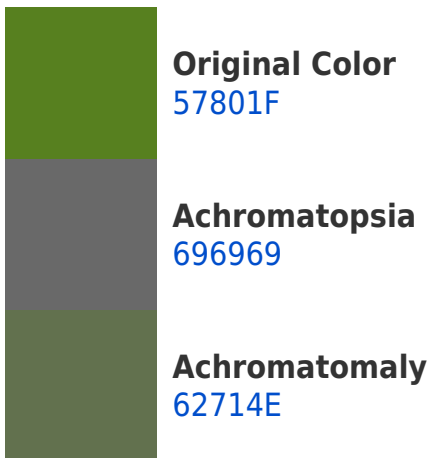


Tritanopia
637781

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 57801F 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 #57801F looks like.

```
.text, #text, p{  
    color:#57801F  
}
```

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 #57801F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57801F
}
```

Border

The CSS property to change the border of an element to Hex 57801F 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
#57801F }
```

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

```
.border{ border-color:#57801F }
```

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

Here you see how a box with a 4 pixel #57801F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57801F; -webkit-box-shadow:4px 4px  
4px 4px #57801F; box-shadow:4px 4px 4px  
4px #57801F }
```

Background

The CSS property to change the background color of an element to Hex 57801F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57801F }
```

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

```
.background{ background-color:#57801F }
```

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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