

Converting Colors

Hex(5F821D)

Have a look what the booklet for
Hex(5F821D) contains.

Hex(5F821D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5F821D)

Conversions

Conversions Part 1

Format	Color
Hex	5F821D
RGB	95, 130, 29
RGB Percent	37%, 51%, 11%
CMY	0.6275, 0.4902, 0.8863
CMYK	0.27, 0.00, 0.78, 0.49
HSL	81°, 64%, 31%
HSV	81°, 78%, 51%
XYZ	12.9237, 18.4869, 4.0496
YIQ	108.0210, 11.5610, -38.8310

Conversions

Conversions Part 2

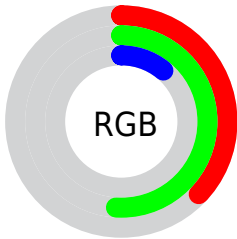
Format	Color
RYB	29, 130, 64
Decimal	6259229
CIELab	50.08, -27.72, 47.17
CIElCh	50, 54.717, 120.442
Yxy	18.4869, 0.3645, 0.5213
Android (android.graphics.Color)	4284449309 (0xFF5F821D)
YUV	108.0210, -38.9574, -11.4194
Hunter-Lab	42.9964, -21.5906, 24.5133

Details

The Hex color **5F821D** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **401D82**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **95B751**, and **2C5000** is the 20% darker color. If you saturate the color by 10%, you get **5A8210**, and if you desaturate by 10%, it is **64822A**.

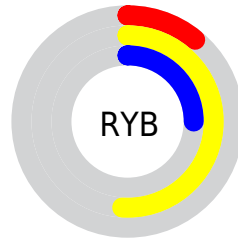
Distribution



Red (37%)

Green (51%)

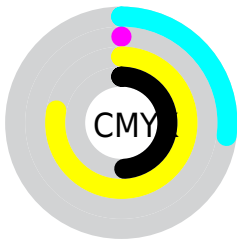
Blue (11%)



Red (11%)

Yellow (51%)

Blue (25%)

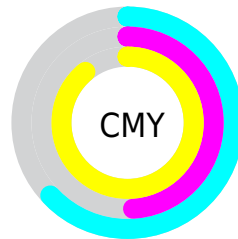


Cyan (27%)

Magenta (0%)

Yellow (78%)

Black (49%)



Cyan (63%)

Magenta (49%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F821D 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 5F821D by changing the saturation by 10% instead.



5F821D



5F821D

FFFFFF



456900



95B751



2C5000



B0D36B



103900



CDEF86



002400



E9FFA1



000100



FFFFBC



000000



FFFFD9



FFFFF6



5F821D



5F821D

■ 5A8210

■ 64822A

■ 568203

■ 688237

■ 558200

■ 6D8244

■ 718251

■ 76825E

■ 7A826B

■ 7F8278

■ 838285

■ 888292

Harmonies

Analogous

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



8E7506



5F821D



018947

Triad

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



5F821D



0088C8



C94978

Complementary

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



5F821D



401D82

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.



AF55A6



5F821D



007CD5

Square

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



5F821D



008CA5



776AC8



C7504B

Rectangle

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



5F821D



008C66



776AC8



C34B88

Sweetspot

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



5F821D



9BA882



823F1D



4C543D



D4D4D4



545454

Same Dimension

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



5F821D



72A80C



2E821D



3E4039



538000



000000

Inverse Universe

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



401D82



420CA8



711D82



3C3940



2C0080



000000

Previews

White Background



This preview shows how the Hex color 5F821D 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 5F821D Background



This preview shows how black text looks on a background with the Hex color 5F821D.

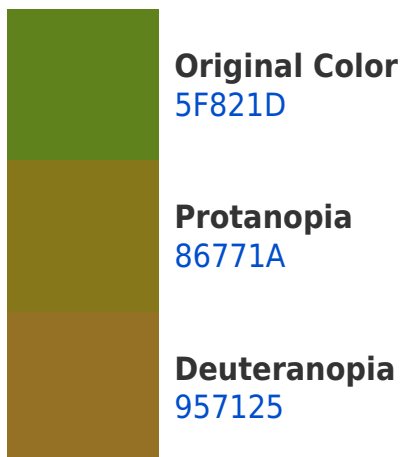


This preview shows how white text looks on a background with the Hex color 5F821D.

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](#).

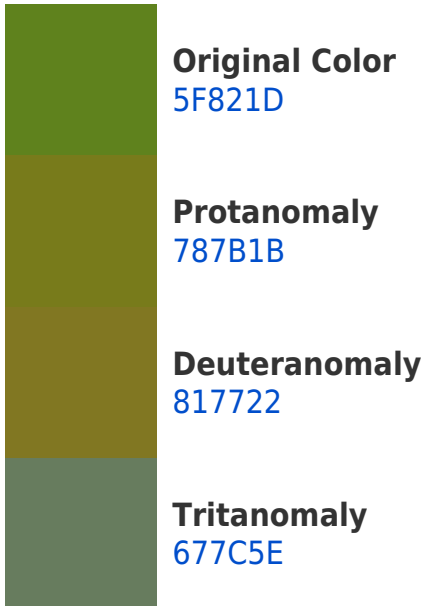
Dichromacy





Tritanopia
6B7983

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5F821D 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 #5F821D looks like.

```
.text, #text, p{  
    color:#5F821D  
}
```

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 #5F821D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F821D
}
```

Border

The CSS property to change the border of an element to Hex 5F821D 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
#5F821D }
```

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

```
.border{ border-color:#5F821D }
```

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

Here you see how a box with a 4 pixel #5F821D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F821D; -webkit-box-shadow:4px 4px  
4px 4px #5F821D; box-shadow:4px 4px 4px  
4px #5F821D }
```

Background

The CSS property to change the background color of an element to Hex 5F821D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F821D }
```

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

```
.background{ background-color:#5F821D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor