

# Converting Colors

Hex(5C882F)

Have a look what the booklet for  
Hex(5C882F) contains.

<b>Hex(5C882F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(5C882F)

# Conversions

## Conversions Part 1

Format	Color
Hex	5C882F
RGB	92, 136, 47
RGB Percent	36%, 53%, 18%
CMY	0.6392, 0.4667, 0.8157
CMYK	0.32, 0.00, 0.65, 0.47
HSL	90°, 49%, 36%
HSV	90°, 65%, 53%
XYZ	13.7309, 20.0889, 5.8432
YIQ	112.6980, 2.3450, -37.0070

# Conversions

## Conversions Part 2

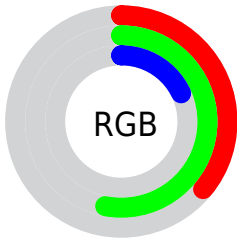
<b>Format</b>	<b>Color</b>
<b>RYB</b>	47, 136, 91
Decimal	6064175
CIELab	51.94, -30.48, 41.70
CIELCh	52, 51.647, 126.166
Yxy	20.0889, 0.3462, 0.5065
Android (android.graphics.Color)	4284254255 (0xFF5C882F)
YUV	112.6980, -32.3891, -18.1521
Hunter-Lab	44.8206, -23.7522, 23.6449

# Details

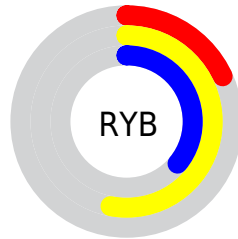
The Hex color **5C882F** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **5B2F88**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **91BE61**, and **285600** is the 20% darker color. If you saturate the color by 10%, you get **558821**, and if you desaturate by 10%, it is **63883D**.

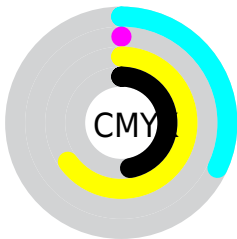
# Distribution



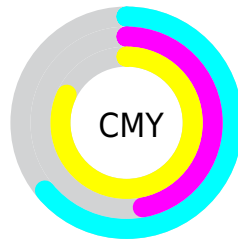
- Red (36%)
- Green (53%)
- Blue (18%)



- Red (18%)
- Yellow (53%)
- Blue (36%)



- Cyan (32%)
- Magenta (0%)
- Yellow (65%)
- Black (47%)



- Cyan (64%)
- Magenta (47%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C882F 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 5C882F by changing the saturation by 10% instead.



 5C882F

 5C882F

FFFFFF

 426E15

 91BE61

 285600

 ADDA7B

 0E3E00

 C9F696

 002800

 E5FFB1

 000D00

 FFFFCD

 000000

 FFFF E9

 5C882F

 5C882F

 558821

 63883D

■ 4F8814

■ 69884A

■ 488806

■ 708858

■ 458800

■ 778865

■ 7E8873

■ 848881

■ 8B888E

■ 92889C

■ 9988A9

# Harmonies

## Analogous

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



8A7D19



5C882F



008F56

# Triad

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



5C882F



008ACC



CC5274

# Complementary

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



5C882F



5B2F88

# 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.



B85AA0



5C882F



287ED4

# Square

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



5C882F



0090AF



896CC4



C75B4A

# Rectangle

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



5C882F



009175



896CC4



C85383



# Sweetspot

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



5C882F



9FB08D



885A2F



4F5944



D9D9D9



595959



# Same Dimension

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



5C882F



6BB025



30882F



41453E



438500



030500



# Inverse Universe

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



5B2F88



6A25B0



872F88



413E45



420085



030005



# Previews

## White Background



This preview shows how the Hex color 5C882F looks on a white background.

## Color Contrast Check

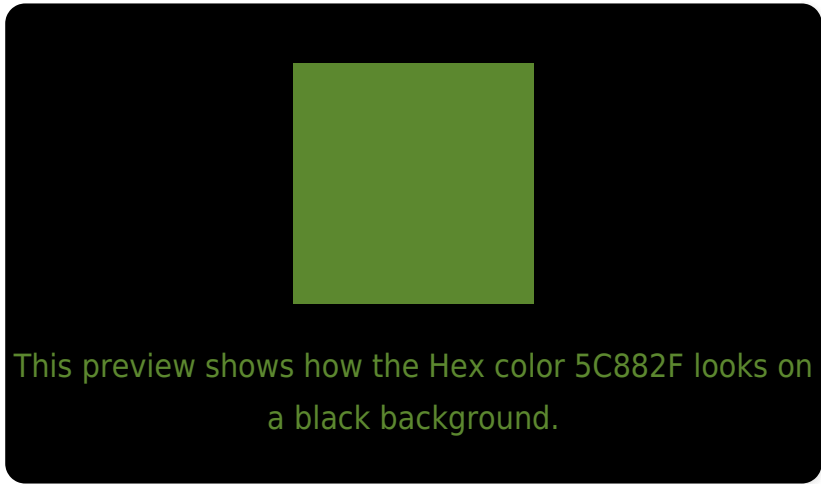
Large Text (above 18pt) WCAG AA ✓ Pass

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 5C882F Background



This preview shows how black text looks on a background with the Hex color 5C882F.



This preview shows how white text looks on a background with the Hex color 5C882F.

# 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**  
5C882F

**Protanopia**  
8A7C2C

**Deuteranopia**  
997535



**Tritanopia**  
697F89

# Trichromacy



**Original Color**  
5C882F

**Protanomaly**  
79802D

**Deuteranomaly**  
837C33

**Tritanomaly**  
648268

# Monochromacy



**Original Color**  
5C882F

**Achromatopsia**  
717171

**Achromatomaly**  
697959

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C882F 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 #5C882F looks like.

```
.text, #text, p{  
    color:#5C882F  
}
```

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 #5C882F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C882F
}
```

## Border

The CSS property to change the border of an element to Hex 5C882F 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
#5C882F }
```

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

```
.border{ border-color:#5C882F }
```

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

Here you see how a box with a 4 pixel #5C882F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C882F; -webkit-box-shadow:4px 4px  
4px 4px #5C882F; box-shadow:4px 4px 4px  
4px #5C882F }
```

# Background

The CSS property to change the background color of an element to Hex 5C882F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C882F }
```

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

```
.background{ background-color:#5C882F }
```

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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