

Converting Colors

Hex(5C7A12)

Have a look what the booklet for
Hex(5C7A12) contains.

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Color

Hex(5C7A12)

Conversions

Conversions Part 1

Format	Color
Hex	5C7A12
RGB	92, 122, 18
RGB Percent	36%, 48%, 7%
CMY	0.6392, 0.5216, 0.9294
CMYK	0.25, 0.00, 0.85, 0.52
HSL	77°, 74%, 27%
HSV	77°, 85%, 48%
XYZ	11.4823, 16.2381, 3.1013
YIQ	101.1740, 15.5040, -38.7040

Conversions

Conversions Part 2

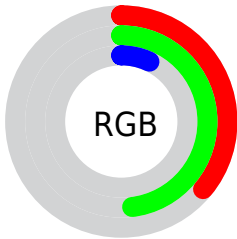
Format	Color
RYB	18, 122, 48
Decimal	6060562
CIELab	47.29, -25.61, 48.03
CIElCh	47, 54.433, 118.064
Yxy	16.2381, 0.3725, 0.5268
Android (android.graphics.Color)	4284250642 (0xFF5C7A12)
YUV	101.1740, -41.0048, -8.0456
Hunter-Lab	40.2965, -19.6558, 23.6444

Details

The Hex color **5C7A12** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **30127A**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **91AF49**, and **2A4900** is the 20% darker color. If you saturate the color by 10%, you get **587A06**, and if you desaturate by 10%, it is **607A1E**.

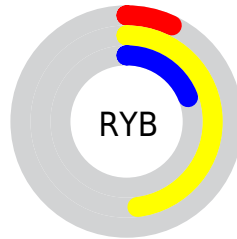
Distribution



Red (36%)

Green (48%)

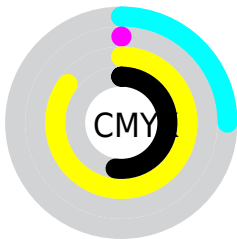
Blue (7%)



Red (7%)

Yellow (48%)

Blue (19%)

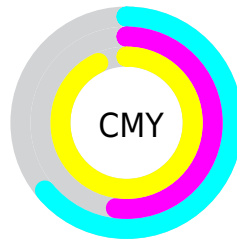


Cyan (25%)

Magenta (0%)

Yellow (85%)

Black (52%)



Cyan (64%)

Magenta (52%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C7A12 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 5C7A12 by changing the saturation by 10% instead.



5C7A12



5C7A12

FFFFFF



426100



91AF49



2A4900



ADCA62



0D3200



C9E67D



001F00



E6FF97



000000



FFFFB3



FFFFCF



FFF FEC



5C7A12



5C7A12

■ 587A06

■ 607A1E

■ 577A00

■ 637A2A

■ 677A37

■ 6A7A43

■ 6E7A4F

■ 717A5B

■ 757A67

■ 787A74

■ 7C7A80

Harmonies

Analogous

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



896D00



5C7A12



06823D

Triad

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



5C7A12



0081BE



BF4275

Complementary

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



5C7A12



30127A

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.



A450A1



5C7A12



0076CC

Square

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



5C7A12



00859A



6965C2



C04848

Rectangle

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



5C7A12



00845C



6965C2



B94584

Sweetspot

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



5C7A12



929E75



7A2F12



484F37



CFCFCF



4F4F4F

Same Dimension

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



5C7A12



709E00



297A12



3B3D37



597D00



B4FC00

Inverse Universe

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



30127A



2E009E



63127A



39373D



24007D



4900FC

Previews

White Background



This preview shows how the Hex color 5C7A12 looks on a white background.

Color Contrast Check

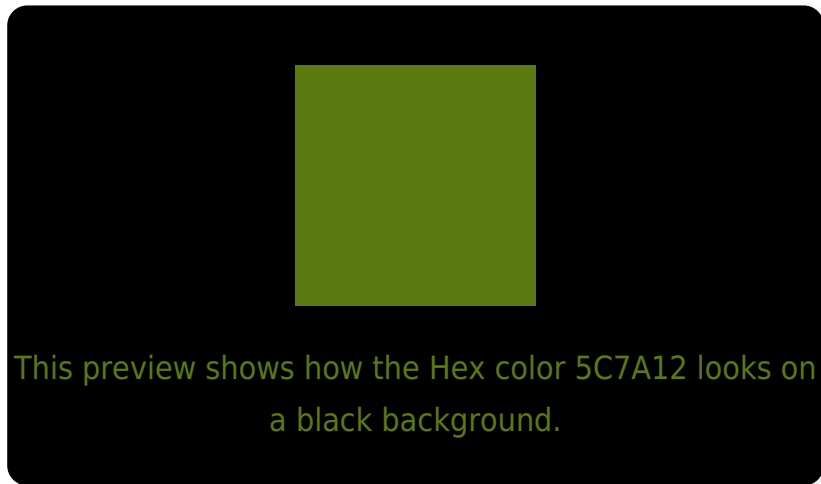
Large Text (above 18pt) WCAG AA ✓ Pass

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

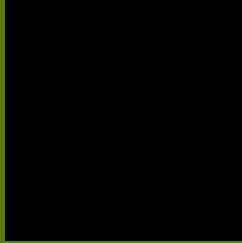
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 5C7A12 Background



This preview shows how black text looks on a background with the Hex color 5C7A12.



This preview shows how white text looks on a background with the Hex color 5C7A12.

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
5C7A12

Protanopia
7E700F

Deuteranopia
8D6A1C



Tritanopia
67727B

Trichromacy



Original Color
5C7A12

Protanomaly
727410

Deuteranomaly
7B7018

Tritanomaly
637555

Monochromacy



Original Color
5C7A12

Achromatopsia
656565

Achromatomaly
626D47

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C7A12 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 #5C7A12 looks like.

```
.text, #text, p{  
    color:#5C7A12  
}
```

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 #5C7A12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C7A12
}
```

Border

The CSS property to change the border of an element to Hex 5C7A12 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
#5C7A12 }
```

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

```
.border{ border-color:#5C7A12 }
```

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

Here you see how a box with a 4 pixel #5C7A12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C7A12; -webkit-box-shadow:4px 4px  
4px 4px #5C7A12; box-shadow:4px 4px 4px  
4px #5C7A12 }
```

Background

The CSS property to change the background color of an element to Hex 5C7A12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C7A12 }
```

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

```
.background{ background-color:#5C7A12 }
```

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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