

Converting Colors

Hex(5C7934)

Have a look what the booklet for
Hex(5C7934) contains.

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Color

Hex(5C7934)

Conversions

Conversions Part 1

Format	Color
Hex	5C7934
RGB	92, 121, 52
RGB Percent	36%, 47%, 20%
CMY	0.6392, 0.5255, 0.7961
CMYK	0.24, 0.00, 0.57, 0.53
HSL	85°, 40%, 34%
HSV	85°, 57%, 47%
XYZ	11.8708, 16.1980, 5.7497
YIQ	104.4630, 4.8650, -27.6070

Conversions

Conversions Part 2

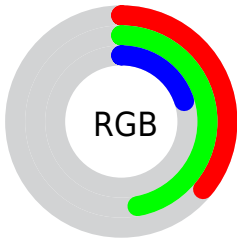
Format	Color
RYB	52, 121, 81
Decimal	6060340
CIELab	47.23, -22.63, 33.99
CIELCh	47, 40.832, 123.653
Yxy	16.1980, 0.3510, 0.4790
Android (android.graphics.Color)	4284250420 (0xFF5C7934)
YUV	104.4630, -25.8643, -10.9301
Hunter-Lab	40.2467, -17.7829, 19.7025

Details

The Hex color **5C7934** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **513479**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **90AD65**, and **2B4803** is the 20% darker color. If you saturate the color by 10%, you get **577928**, and if you desaturate by 10%, it is **617940**.

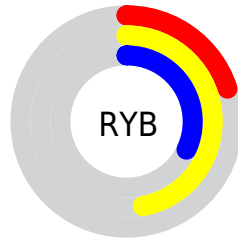
Distribution



Red (36%)

Green (47%)

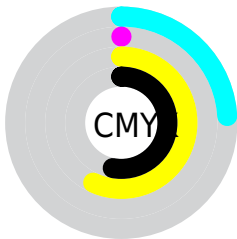
Blue (20%)



Red (20%)

Yellow (47%)

Blue (32%)

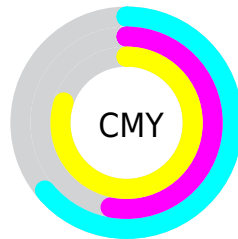


Cyan (24%)

Magenta (0%)

Yellow (57%)

Black (53%)



Cyan (64%)

Magenta (53%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C7934 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 5C7934 by changing the saturation by 10% instead.



5C7934



5C7934

FFFFFF



43601C



90AD65



2B4803



ABC97E



143100



C7E599



001E00



E3FFB4



000000



FFFFD0



FFFEC



5C7934



5C7934



577928



617940

■ 52791C

■ 66794C

■ 4D7910

■ 6B7958

■ 487904

■ 707964

■ 467900

■ 757970

■ 7B797D

■ 807989

■ 857995

■ 8A79A1

Harmonies

Analogous

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



807028



5C7934



2B7F50

Triad

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



5C7934



007CAD



AF526D

Complementary

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



5C7934



513479

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.



9E588F



5C7934



3672B4

Square

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



5C7934



008095



7865A9



AD574C

Rectangle

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



5C7934



008167



7865A9



AB5379

Sweetspot

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



5C7934



939E83



795134



484F3F



CFCFCF



4F4F4F

Same Dimension

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



5C7934



719E33



3A7934



3B3D37



487D00



92FC00

Inverse Universe

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



513479



60339E



733479



3A373D



35007D



6A00FC

Previews

White Background



This preview shows how the Hex color 5C7934 looks on a white background.

Color Contrast Check

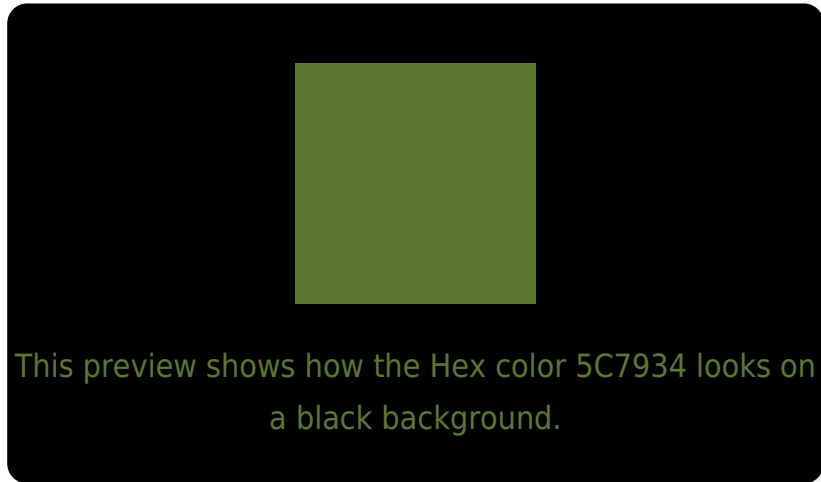
Large Text (above 18pt) WCAG AA ✓ Pass

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 5C7934 Background



This preview shows how black text looks on a background with the Hex color 5C7934.



This preview shows how white text looks on a background with the Hex color 5C7934.

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
5C7934

Protanopia
7C7031

Deuteranopia
896A38



Tritanopia
65727B

Trichromacy



Original Color
5C7934

Protanomaly
707332

Deuteranomaly
796F37

Tritanomaly
627561

Monochromacy



Original Color
5C7934

Achromatopsia
686868

Achromatomaly
646E55

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C7934 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 #5C7934 looks like.

```
.text, #text, p{  
    color:#5C7934  
}
```

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 #5C7934 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C7934
}
```

Border

The CSS property to change the border of an element to Hex 5C7934 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
#5C7934 }
```

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

```
.border{ border-color:#5C7934 }
```

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

Here you see how a box with a 4 pixel #5C7934 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C7934; -webkit-box-shadow:4px 4px  
4px 4px #5C7934; box-shadow:4px 4px 4px  
4px #5C7934 }
```

Background

The CSS property to change the background color of an element to Hex 5C7934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C7934 }
```

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

```
.background{ background-color:#5C7934 }
```

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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