

Converting Colors

Hex(5C7B00)

Have a look what the booklet for
Hex(5C7B00) contains.

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Color

Hex(5C7B00)

Conversions

Conversions Part 1

Format	Color
Hex	5C7B00
RGB	92, 123, 0
RGB Percent	36%, 48%, 0%
CMY	0.6392, 0.5176, 1.0000
CMYK	0.25, 0.00, 1.00, 0.52
HSL	75°, 100%, 24%
HSV	75°, 100%, 48%
XYZ	11.4966, 16.4412, 2.5675
YIQ	99.7090, 21.0070, -44.8250

Conversions

Conversions Part 2

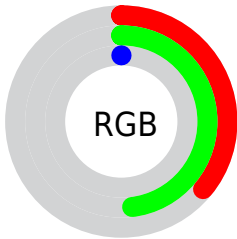
Format	Color
RYB	0, 123, 31
Decimal	6060800
CIELab	47.55, -26.64, 52.21
CIElCh	48, 58.617, 117.031
Yxy	16.4412, 0.3769, 0.5390
Android (android.graphics.Color)	4284250880 (0xFF5C7B00)
YUV	99.7090, -49.1565, -6.7608
Hunter-Lab	40.5478, -20.3482, 24.6291

Details

The Hex color **5C7B00** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **1F007B**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **92B040**, and **284A00** is the 20% darker color. If you saturate the color by 10%, you get **5C7B00**, and if you desaturate by 10%, it is **5F7B0C**.

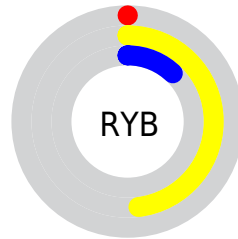
Distribution



Red (36%)

Green (48%)

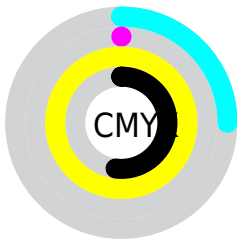
Blue (0%)



Red (0%)

Yellow (48%)

Blue (12%)

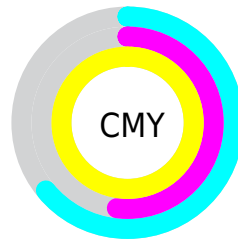


Cyan (25%)

Magenta (0%)

Yellow (100%)

Black (52%)



Cyan (64%)

Magenta (52%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C7B00 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 5C7B00 by changing the saturation by 10% instead.

 5C7B00

 5C7B00

FFFFFF

 426200

 92B040

 284A00

 AECB5A

 0B3300

 CAE774

 002000

 E7FF8F

 000000

 FFFFAB

 FFFFC7

 FFFF E4

 5C7B00

 5F7B0C

 627B19

 657B25

 687B31

 6C7B3E

 6F7B4A

 727B56

 757B62

 787B6F

Harmonies

Analogous

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



8C6D00



5C7B00



008337

Triad

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



5C7B00



0083C3



C53C78

Complementary

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



5C7B00



1F007B

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.



A74EA7



5C7B00



0078D4

Square

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



5C7B00



00879C



6566C9



C64347

Rectangle

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



5C7B00



008659



6566C9



BE4088

Sweetspot

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



5C7B00



95A170



7B1F00



4A5234



D1D1D1



525252

Same Dimension

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



5C7B00



78A100



1F7B00



3C3D37



5D7D00



BDFC00

Inverse Universe

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



1F007B



2800A1



5C007B



39373D



1F007D



4000FC

Previews

White Background



This preview shows how the Hex color 5C7B00 looks on a white background.

Color Contrast Check

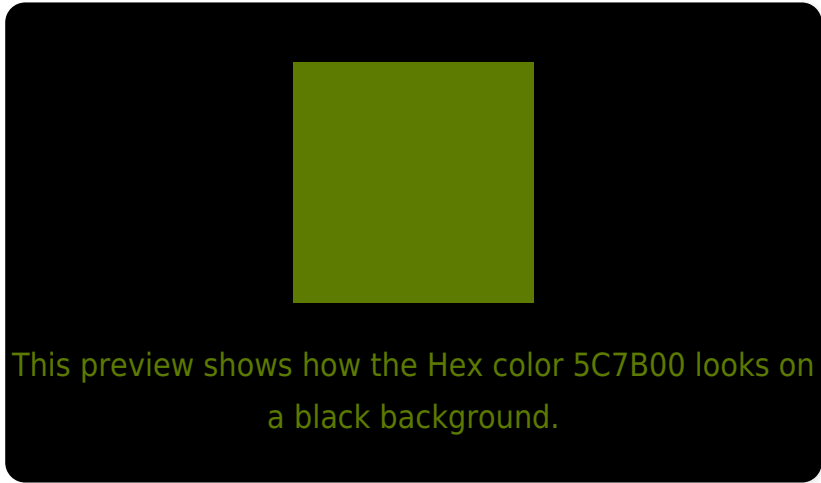
Large Text (above 18pt) WCAG AA ✓ Pass

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 5C7B00 Background



This preview shows how black text looks on a background with the Hex color 5C7B00.



This preview shows how white text looks on a background with the Hex color 5C7B00.

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
5C7B00

Protanopia
7F7100

Deuteranopia
8E6B17



Tritanopia
67727B

Trichromacy



Original Color
5C7B00

Protanomaly
727500

Deuteranomaly
7C710F

Tritanomaly
63754E

Monochromacy



Original Color
5C7B00

Achromatopsia
646464

Achromatomaly
616C40

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C7B00 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 #5C7B00 looks like.

```
.text, #text, p{  
    color:#5C7B00  
}
```

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 #5C7B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C7B00
}
```

Border

The CSS property to change the border of an element to Hex 5C7B00 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
#5C7B00 }
```

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

```
.border{ border-color:#5C7B00 }
```

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

Here you see how a box with a 4 pixel #5C7B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C7B00; -webkit-box-shadow:4px 4px  
4px 4px #5C7B00; box-shadow:4px 4px 4px  
4px #5C7B00 }
```

Background

The CSS property to change the background color of an element to Hex 5C7B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C7B00 }
```

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

```
.background{ background-color:#5C7B00 }
```

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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