

Converting Colors

Hex(5C7B10)

Have a look what the booklet for
Hex(5C7B10) contains.

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Color

Hex(5C7B10)

Conversions

Conversions Part 1

Format	Color
Hex	5C7B10
RGB	92, 123, 16
RGB Percent	36%, 48%, 6%
CMY	0.6392, 0.5176, 0.9373
CMYK	0.25, 0.00, 0.87, 0.52
HSL	77°, 77%, 27%
HSV	77°, 87%, 48%
XYZ	11.5901, 16.4786, 3.0600
YIQ	101.5330, 15.8710, -39.8490

Conversions

Conversions Part 2

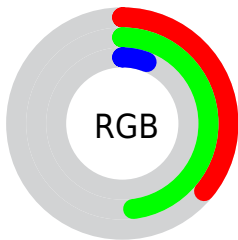
Format	Color
RYB	16, 123, 47
Decimal	6060816
CIELab	47.60, -26.18, 48.84
CIElCh	48, 55.415, 118.190
Yxy	16.4786, 0.3723, 0.5294
Android (android.graphics.Color)	4284250896 (0xFF5C7B10)
YUV	101.5330, -42.1678, -8.3604
Hunter-Lab	40.5939, -20.0751, 23.9463

Details


The Hex color **5C7B10** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **2F107B**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **92B048**, and **294A00** is the 20% darker color. If you saturate the color by 10%, you get **587B04**, and if you desaturate by 10%, it is **607B1C**.

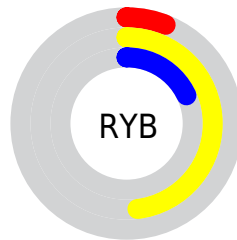
Distribution



 Red (36%)

 Green (48%)

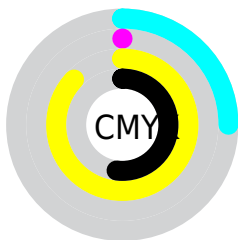
 Blue (6%)





 Red (6%)

 Yellow (48%)

 Blue (18%)

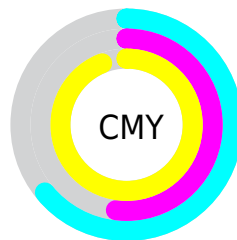



 Cyan (25%)


 Magenta (0%)

 Yellow (87%)

 Black (52%)



 Cyan (64%)

 Magenta (52%)

 Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C7B10 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 5C7B10 by changing the saturation by 10% instead.



5C7B10



5C7B10

FFFFFF



426200



92B048



294A00



ADCB61



0C3300



C9E77C



002000



E6FF97



000000



FFFFB2



FFFCE



FFFEB



5C7B10



5C7B10

■ 587B04

■ 607B1C

■ 577B00

■ 637B29

■ 677B35

■ 6A7B41

■ 6E7B4E

■ 717B5A

■ 757B66

■ 797B72

■ 7C7B7F

Harmonies

Analogous

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



8A6E00



5C7B10



00833D

Triad

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



5C7B10



0082C0



C14176

Complementary

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



5C7B10



2F107B

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.



A650A3



5C7B10



0077CF

Square

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



5C7B10



00869C



6A66C4



C24848

Rectangle

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



5C7B10



00855C



6A66C4



BB4485

Sweetspot

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



5C7B10



95A177



7B2E10



4A5238



D1D1D1



525252

Same Dimension

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



5C7B10



72A100



277B10



3B3D37



597D00



B3FC00

Inverse Universe

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



2F107B



2F00A1



64107B



39373D



24007D



4900FC

Previews

White Background



This preview shows how the Hex color 5C7B10 looks on a white background.

Color Contrast Check

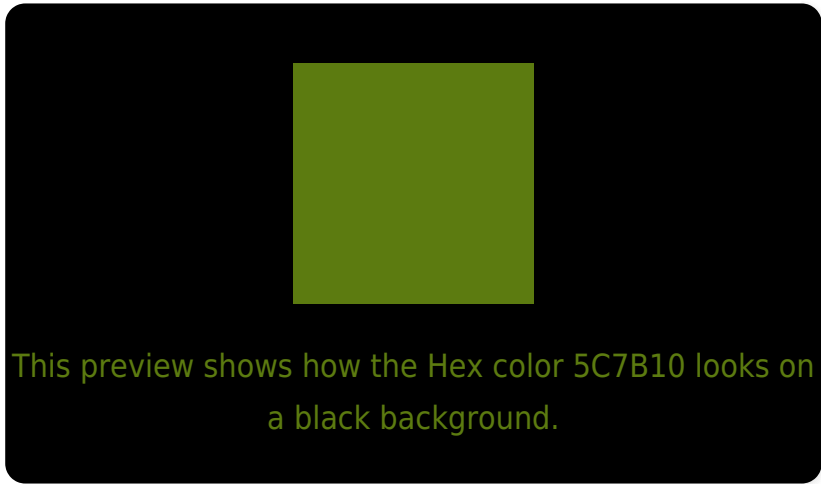
Large Text (above 18pt) WCAG AA ✓ Pass

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 5C7B10 Background



This preview shows how black text looks on a background with the Hex color 5C7B10.



This preview shows how white text looks on a background with the Hex color 5C7B10.

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
5C7B10

Protanopia
7F710D

Deuteranopia
8E6B1B



Tritanopia
67727C

Trichromacy



Original Color
5C7B10

Protanomaly
72750E

Deuteranomaly
7C7117

Tritanomaly
637555

Monochromacy



Original Color
5C7B10

Achromatopsia
666666

Achromatomaly
626E47

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C7B10 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 #5C7B10 looks like.

```
.text, #text, p{  
    color:#5C7B10  
}
```

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 #5C7B10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C7B10
}
```

Border

The CSS property to change the border of an element to Hex 5C7B10 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
#5C7B10 }
```

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

```
.border{ border-color:#5C7B10 }
```

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

Here you see how a box with a 4 pixel #5C7B10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C7B10; -webkit-box-shadow:4px 4px  
4px 4px #5C7B10; box-shadow:4px 4px 4px  
4px #5C7B10 }
```

Background

The CSS property to change the background color of an element to Hex 5C7B10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C7B10 }
```

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

```
.background{ background-color:#5C7B10 }
```

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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