

Converting Colors

Hex(5C0A12)

Have a look what the booklet for
Hex(5C0A12) contains.

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Color

Hex(5C0A12)

Conversions

Conversions Part 1

Format	Color
Hex	5C0A12
RGB	92, 10, 18
RGB Percent	36%, 4%, 7%
CMY	0.6392, 0.9608, 0.9294
CMYK	0.00, 0.89, 0.80, 0.64
HSL	354°, 80%, 20%
HSV	354°, 89%, 36%
XYZ	4.6314, 2.5361, 0.8177
YIQ	35.4300, 46.3040, 19.8720

Conversions

Conversions Part 2

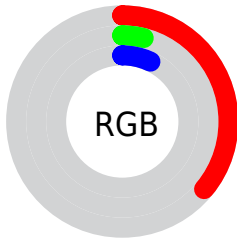
Format	Color
R_{YB}	92, 10, 18
Decimal	6031890
CIE _{Lab}	18.08, 35.72, 19.48
CIE _{LCh}	18, 40.689, 28.601
Yxy	2.5361, 0.5800, 0.3176
Android (android.graphics.Color)	4284221970 (0xFF5C0A12)
YUV	35.4300, -8.5930, 49.6119
Hunter-Lab	15.9250, 24.0430, 8.1033

Details

The Hex color **5C0A12** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **0A5C54**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **943F3C**, and **290001** is the 20% darker color. If you saturate the color by 10%, you get **5C010A**, and if you desaturate by 10%, it is **5C131A**.

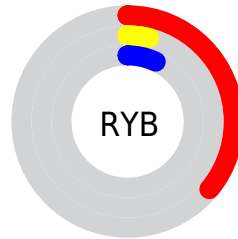
Distribution



Red (36%)

Green (4%)

Blue (7%)



Red (36%)

Yellow (4%)

Blue (7%)

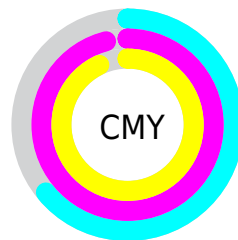


Cyan (0%)

Magenta (89%)

Yellow (80%)

Black (64%)



Cyan (64%)

Magenta (96%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C0A12 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 5C0A12 by changing the saturation by 10% instead.

 5C0A12

 5C0A12

 FFFBF2

 410000

 943F3C

 290001

 B15853

 000000

 CE716B

 EC8C85

 FFA79F

 FFC2BA

 FFDFD5

 5C0A12

 5C0A12

■ 5C010A

■ 5C131A

■ 5C0009

■ 5C1C23

■ 5C262B

■ 5C2F33

■ 5C383C

■ 5C4144

■ 5C4A4C

■ 5C5454

■ 5C5D5D

Harmonies

Analogous

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



5D012F



5C0A12



4F1D00

Triad

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



5C0A12



003609



003168

Complementary

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



5C0A12



0A5C54

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.



00375F



5C0A12



00382A

Square

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



5C0A12



1D3200



003848



242560

Rectangle

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



5C0A12



412700



003848



003366

Sweetspot

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



5C0A12



78575B



540A5C



3D2A2C



BDBDBD



3D3D3D

Same Dimension

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



5C0A12



78000C



5C2B0A



2E292A



6E000B



ED0017

Inverse Universe

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



5C0A12



78000C



0A3B5C



2E292A



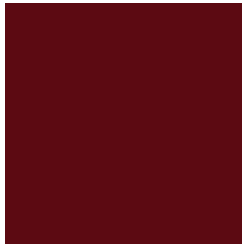
6E000B



ED0017

Previews

White Background



This preview shows how the Hex color 5C0A12 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

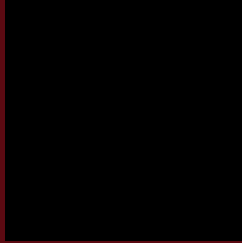
Any Text WCAG AA × Fail

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 5C0A12 Background



This preview shows how black text looks on a background with the Hex color 5C0A12.

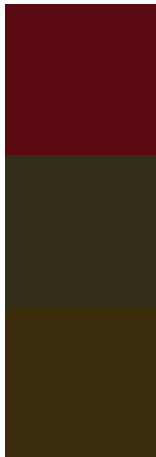


This preview shows how white text looks on a background with the Hex color 5C0A12.

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
5C0A12

Protanopia
342F1B

Deuteranopia
3B2D0B

Trichromacy



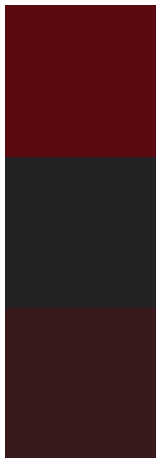
Original Color
5C0A12

Protanomaly
432218

Deuteranomaly
47200E

Tritanomaly
5C0B0D

Monochromacy



Original Color
5C0A12

Achromatopsia
232323

Achromatomaly
381A1D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C0A12 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 #5C0A12 looks like.

```
.text, #text, p{  
    color:#5C0A12  
}
```

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 #5C0A12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C0A12
}
```

Border

The CSS property to change the border of an element to Hex 5C0A12 is called "border". The border property can be set on classes, ids or directly on the HTML element.

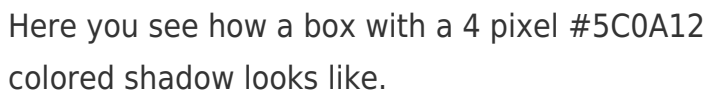
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5C0A12 }
```

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

```
.border{ border-color:#5C0A12 }
```

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



Here you see how a box with a 4 pixel #5C0A12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C0A12; -webkit-box-shadow:4px 4px  
4px 4px #5C0A12; box-shadow:4px 4px 4px  
4px #5C0A12 }
```

Background

The CSS property to change the background color of an element to Hex 5C0A12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C0A12 }
```

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

```
.background{ background-color:#5C0A12 }
```

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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