

Converting Colors

Hex(5C2100)

Have a look what the booklet for
Hex(5C2100) contains.

Hex(5C2100)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5C2100)

Conversions

Conversions Part 1

Format	Color
Hex	5C2100
RGB	92, 33, 0
RGB Percent	36%, 13%, 0%
CMY	0.6392, 0.8706, 1.0000
CMYK	0.00, 0.64, 1.00, 0.64
HSL	22°, 100%, 18%
HSV	22°, 100%, 36%
XYZ	4.9575, 3.3630, 0.3878
YIQ	46.8790, 45.7570, 2.2450

Conversions

Conversions Part 2

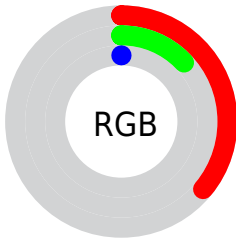
Format	Color
RYB	92, 51, 0
Decimal	6037760
CIELab	21.44, 25.42, 31.42
CIELCh	21, 40.420, 51.025
Yxy	3.3630, 0.5693, 0.3862
Android (android.graphics.Color)	4284227840 (0xFF5C2100)
YUV	46.8790, -23.1113, 39.5711
Hunter-Lab	18.3385, 16.1617, 11.5831

Details

The Hex color **5C2100** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **003B5C**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **93502F**, and **290000** is the 20% darker color. If you saturate the color by 10%, you get **5C2100**, and if you desaturate by 10%, it is **5C2709**.

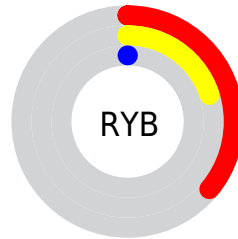
Distribution



Red (36%)

Green (13%)

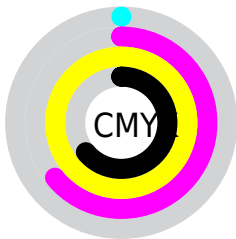
Blue (0%)



Red (36%)

Yellow (20%)

Blue (0%)

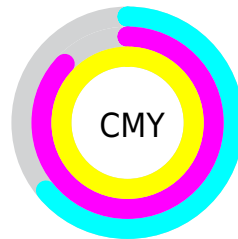


Cyan (0%)

Magenta (64%)

Yellow (100%)

Black (64%)



Cyan (64%)

Magenta (87%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C2100 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 5C2100 by changing the saturation by 10% instead.

 5C2100

 5C2100

 FFFFE3

 410A00

 93502F

 290000

 B06846

 000000

 CD825E

 EB9C77

 FFB791

 FFD3AC

 FFF0C7

 5C2100

■ 5C2709

■ 5C2D12

■ 5C331C

■ 5C3925

■ 5C3F2E

■ 5C4437

■ 5C4A40

■ 5C504A

■ 5C5653

Harmonies

Analogous

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



671120



5C2100



482F00

Triad

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



5C2100



004029



19306C

Complementary

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



5C2100



003B5C

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.



003A6F



5C2100



004048

Square

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



5C2100



003D09



003F62



4E2059

Rectangle

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



5C2100



373600



003F62



00346F

Sweetspot

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



5C2100



786154



5C003C



3D2F27



BDBDBD



3D3D3D

Same Dimension

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



5C2100



782B00



5C4E00



2E2B29



6E2700



ED5500

Inverse Universe

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



003B5C



004D78



000E5C



292C2E



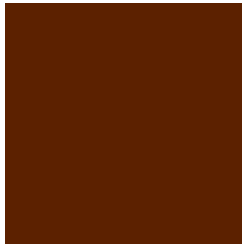
00466E



0098ED

Previews

White Background



This preview shows how the Hex color 5C2100 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

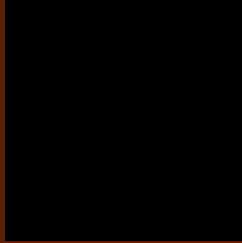
Any Text WCAG AA × Fail

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 5C2100 Background



This preview shows how black text looks on a background with the Hex color 5C2100.



This preview shows how white text looks on a background with the Hex color 5C2100.

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
5C2100

Protanopia
3C3509

Deuteranopia
433200

Trichromacy



Original Color
5C2100

Protanomaly
482E06

Deuteranomaly
4C2C00

Tritanomaly
5D2014

Monochromacy



Original Color
5C2100

Achromatopsia
2F2F2F

Achromatomaly
3F2A1E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C2100 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 #5C2100 looks like.

```
.text, #text, p{  
    color:#5C2100  
}
```

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 #5C2100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C2100
}
```

Border

The CSS property to change the border of an element to Hex 5C2100 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
#5C2100 }
```

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

```
.border{ border-color:#5C2100 }
```

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

Here you see how a box with a 4 pixel #5C2100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C2100; -webkit-box-shadow:4px 4px  
4px 4px #5C2100; box-shadow:4px 4px 4px  
4px #5C2100 }
```

Background

The CSS property to change the background color of an element to Hex 5C2100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C2100 }
```

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

```
.background{ background-color:#5C2100 }
```

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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