

Converting Colors

Hex(5C220A)

Have a look what the booklet for
Hex(5C220A) contains.

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Color

Hex(5C220A)

Conversions

Conversions Part 1

Format	Color
Hex	5C220A
RGB	92, 34, 10
RGB Percent	36%, 13%, 4%
CMY	0.6392, 0.8667, 0.9608
CMYK	0.00, 0.63, 0.89, 0.64
HSL	18°, 80%, 20%
HSV	18°, 89%, 36%
XYZ	5.0404, 3.4413, 0.6857
YIQ	48.6060, 42.2720, 4.8320

Conversions

Conversions Part 2

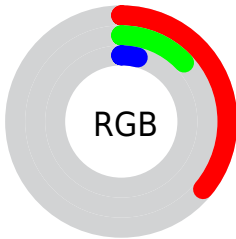
Format	Color
RYB	92, 44, 10
Decimal	6038026
CIELab	21.73, 25.22, 27.66
CIELCh	22, 37.429, 47.644
Yxy	3.4413, 0.5498, 0.3754
Android (android.graphics.Color)	4284228106 (0xFF5C220A)
YUV	48.6060, -19.0328, 38.0565
Hunter-Lab	18.5507, 16.0369, 10.7938

Details

The Hex color **5C220A** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0A445C**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **935136**, and **2A0000** is the 20% darker color. If you saturate the color by 10%, you get **5C1B01**, and if you desaturate by 10%, it is **5C2913**.

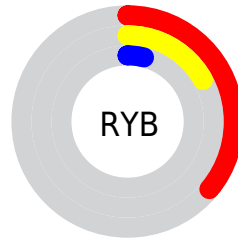
Distribution



Red (36%)

Green (13%)

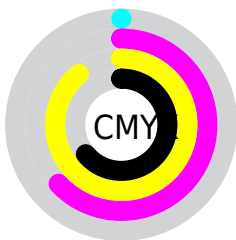
Blue (4%)



Red (36%)

Yellow (17%)

Blue (4%)

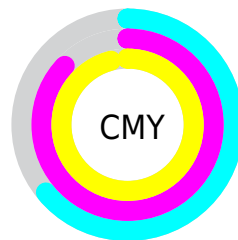


Cyan (0%)

Magenta (63%)

Yellow (89%)

Black (64%)



Cyan (64%)

Magenta (87%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C220A 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 5C220A by changing the saturation by 10% instead.

 5C220A

 5C220A

 FFFFEC

 420B00

 935136

 2A0000

 B0694D

 000000

 CD8366

 EA9D7F

 FFB899

 FFD4B4

 FFF1CF

 5C220A

 5C220A

■ 5C1B01

■ 5C2913

■ 5C1B00

■ 5C2F1C

■ 5C3626

■ 5C3C2F

■ 5C4338

■ 5C4941

■ 5C504A

■ 5C5654

■ 5C5D5D

Harmonies

Analogous

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



641625



5C220A



4A2F00

Triad

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



5C220A



004027



153269

Complementary

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



5C220A



0A445C

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.



003B6A



5C220A



004044

Square

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



5C220A



0B3D0A



003F5D



49245A

Rectangle

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



5C220A



3B3500



003F5D



00356B

Sweetspot

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



5C220A



786157



5C0A45



3D2F2A



BDBDBD



3D3D3D

Same Dimension

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



5C220A



782300



5C4A0A



2E2B29



6E2000



ED4500

Inverse Universe

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



0A445C



005578



0A1C5C



292D2E



004E6E



00A8ED

Previews

White Background



This preview shows how the Hex color 5C220A 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

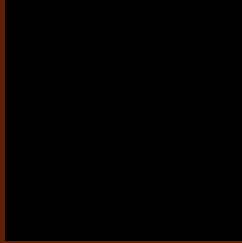
Any Text WCAG AA × Fail

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 5C220A Background



This preview shows how black text looks on a background with the Hex color 5C220A.



This preview shows how white text looks on a background with the Hex color 5C220A.

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
5C220A

Protanopia
3C350F

Deuteranopia
433300

Trichromacy



Original Color
5C220A

Protanomaly
482E0D

Deuteranomaly
4C2D04

Tritanomaly
5D2119

Monochromacy



Original Color
5C220A

Achromatopsia
313131

Achromatomaly
412C23

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C220A 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 #5C220A looks like.

```
.text, #text, p{  
    color:#5C220A  
}
```

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 #5C220A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C220A
}
```

Border

The CSS property to change the border of an element to Hex 5C220A 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
#5C220A }
```

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

```
.border{ border-color:#5C220A }
```

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

Here you see how a box with a 4 pixel #5C220A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C220A; -webkit-box-shadow:4px 4px  
4px 4px #5C220A; box-shadow:4px 4px 4px  
4px #5C220A }
```

Background

The CSS property to change the background color of an element to Hex 5C220A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C220A }
```

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

```
.background{ background-color:#5C220A }
```

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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