

Converting Colors

Hex(5C2A30)

Have a look what the booklet for
Hex(5C2A30) contains.

Hex(5C2A30)	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(5C2A30)

Conversions

Conversions Part 1

Format	Color
Hex	5C2A30
RGB	92, 42, 48
RGB Percent	36%, 16%, 19%
CMY	0.6392, 0.8353, 0.8118
CMYK	0.00, 0.54, 0.48, 0.64
HSL	353°, 37%, 26%
HSV	353°, 54%, 36%
XYZ	5.7751, 4.1446, 3.2919
YIQ	57.6340, 27.8740, 12.4660

Conversions

Conversions Part 2

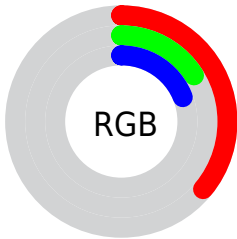
Format	Color
R_{YB}	92, 42, 48
Decimal	6040112
CIE Lab	24.14, 23.53, 6.91
CIE LCh	24, 24.526, 16.360
Yxy	4.1446, 0.4371, 0.3137
Android (android.graphics.Color)	4284230192 (0xFF5C2A30)
YUV	57.6340, -4.7496, 30.1390
Hunter-Lab	20.3584, 15.0082, 4.6638

Details

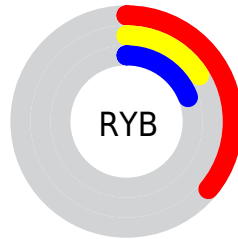
The Hex color **5C2A30** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2A5C56**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **91595E**, and **2D0000** is the 20% darker color. If you saturate the color by 10%, you get **5C2128**, and if you desaturate by 10%, it is **5C3338**.

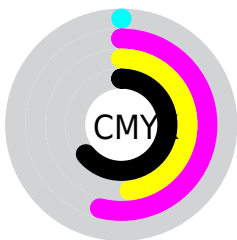
Distribution



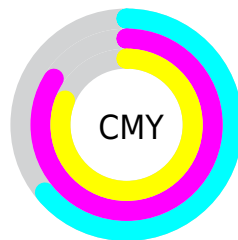
- Red (36%)
- Green (16%)
- Blue (19%)



- Red (36%)
- Yellow (16%)
- Blue (19%)



- Cyan (0%)
- Magenta (54%)
- Yellow (48%)
- Black (64%)



- Cyan (64%)
- Magenta (84%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C2A30 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 5C2A30 by changing the saturation by 10% instead.

■ 5C2A30

■ 5C2A30

FFFFFF

■ 43141B

■ 91595E

■ 2D0000

■ AC7277

■ 000000

■ C88C90

■ E5A6AB

■ FFC2C6

■ FFDEE2

■ FFFBFE

■ 5C2A30

■ 5C2A30

■ 5C2128

■ 5C3338

■ 5C1820

■ 5C3C40

■ 5C0E18

■ 5C4648

■ 5C0510

■ 5C4F50

■ 5C000B

■ 5C5858

■ 5C6161

■ 5C6A69

■ 5C7471

■ 5C7D79

Harmonies

Analogous

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



572B43



5C2A30



572F1F

Triad

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



5C2A30



25401F



003E5D

Complementary

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



5C2A30



2A5C56

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.



004154



5C2A30



034230

Square

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



5C2A30



3A3C14



004343



2D385D

Rectangle

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



5C2A30



503317



004343



003F5B

Sweetspot

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



5C2A30



786567



552A5C



3D3233



BDBDBD



3D3D3D

Same Dimension

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



5C2A30



782A33



5C3C2A



2E292A



6E000D



ED001C

Inverse Universe

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



5C2A30



782A33



2A4A5C



2E292A



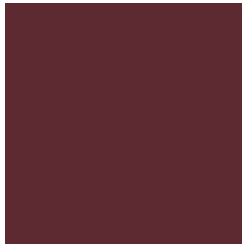
6E000D



ED001C

Previews

White Background



This preview shows how the Hex color 5C2A30 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

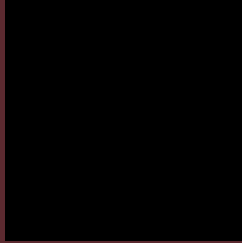
Any Text WCAG AA × Fail

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 5C2A30 Background



This preview shows how black text looks on a background with the Hex color 5C2A30.



This preview shows how white text looks on a background with the Hex color 5C2A30.

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

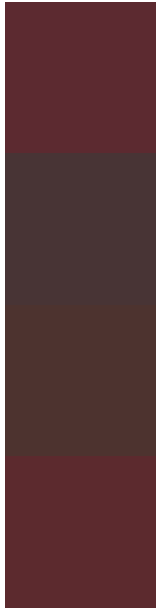


Original Color
5C2A30

Protanopia
3C3A38

Deuteranopia
44382E

Trichromacy



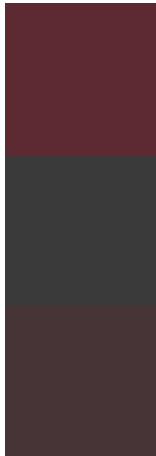
Original Color
5C2A30

Protanomaly
483435

Deuteranomaly
4D332F

Tritanomaly
5C2A2E

Monochromacy



Original Color
5C2A30

Achromatopsia
3A3A3A

Achromatomaly
463436

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C2A30 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 #5C2A30 looks like.

```
.text, #text, p{  
    color:#5C2A30  
}
```

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 #5C2A30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C2A30
}
```

Border

The CSS property to change the border of an element to Hex 5C2A30 is called "border". The border property can be set on classes, ids or directly on the HTML element.

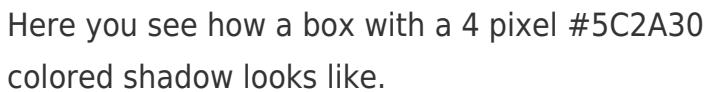
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5C2A30 }
```

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

```
.border{ border-color:#5C2A30 }
```

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



Here you see how a box with a 4 pixel #5C2A30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C2A30; -webkit-box-shadow:4px 4px  
4px 4px #5C2A30; box-shadow:4px 4px 4px  
4px #5C2A30 }
```

Background

The CSS property to change the background color of an element to Hex 5C2A30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C2A30 }
```

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

```
.background{ background-color:#5C2A30 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor