

# Converting Colors

Hex(5C2C29)

Have a look what the booklet for  
Hex(5C2C29) contains.

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**Color**

**Hex(5C2C29)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5C2C29
RGB	92, 44, 41
RGB Percent	36%, 17%, 16%
CMY	0.6392, 0.8275, 0.8392
CMYK	0.00, 0.52, 0.55, 0.64
HSL	4°, 38%, 26%
HSV	4°, 55%, 36%
XYZ	5.7146, 4.2368, 2.6144
YIQ	58.0100, 29.5710, 9.2430

# Conversions

## Conversions Part 2

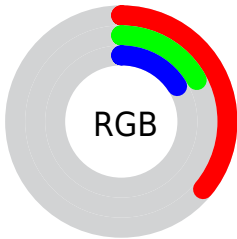
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	92, 44, 41
Decimal	6040617
CIE Lab	24.44, 21.57, 12.02
CIE LCh	24, 24.695, 29.136
Yxy	4.2368, 0.4548, 0.3372
Android (android.graphics.Color)	4284230697 (0xFF5C2C29)
YUV	58.0100, -8.3859, 29.8092
Hunter-Lab	20.5834, 13.5358, 6.8777

# Details

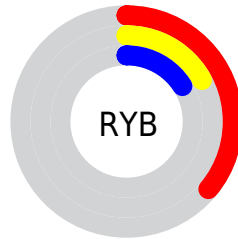
The Hex color **5C2C29** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **29595C**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **915B56**, and **2C0000** is the 20% darker color. If you saturate the color by 10%, you get **5C2320**, and if you desaturate by 10%, it is **5C3532**.

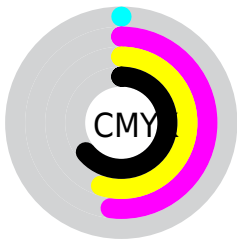
# Distribution



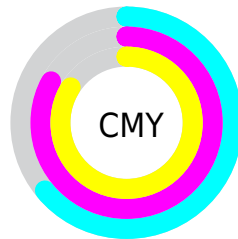
- Red (36%)
- Green (17%)
- Blue (16%)



- Red (36%)
- Yellow (17%)
- Blue (16%)



- Cyan (0%)
- Magenta (52%)
- Yellow (55%)
- Black (64%)



- Cyan (64%)
- Magenta (83%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C2C29 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 5C2C29 by changing the saturation by 10% instead.




 5C2C29

 5C2C29

FFFFFF

 431615

 915B56

 2C0000

 AC746E

 000000

 C88E88

 E5A8A2

 FFC4BD

 FFE0D9

 FFFCF5

 5C2C29

 5C2C29

■ 5C2320

■ 5C3532

■ 5C1B17

■ 5C3D3B

■ 5C120D

■ 5C4645

■ 5C0904

■ 5C4F4E

■ 5C0500

■ 5C5757

■ 5C6060

■ 5C6969

■ 5C7173

■ 5C7A7C

# Harmonies

## Analogous

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



5B2A3B



5C2C29



54321A

# Triad

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



5C2C29



1B4226



153C5F

# Complementary

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



5C2C29



29595C

# 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.



00415A



5C2C29



004339

# Square

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



5C2C29



333E18



00434C



3A355B

# Rectangle

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



5C2C29



4B3715



00434C



003E5E



# Sweetspot

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



5C2C29



786563



5C2959



3D3231



BDBDBD



3D3D3D



# Same Dimension

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



5C2C29



782C28



5C4529



2E2A29



6E0600



ED0E00



# Inverse Universe

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



29595C



287378



29405C



292E2E



00676E

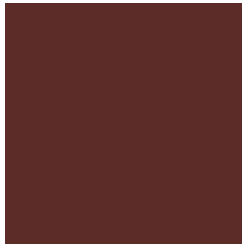


00DFED



# Previews

## White Background



This preview shows how the Hex color 5C2C29 looks on a white background.

## Color Contrast Check

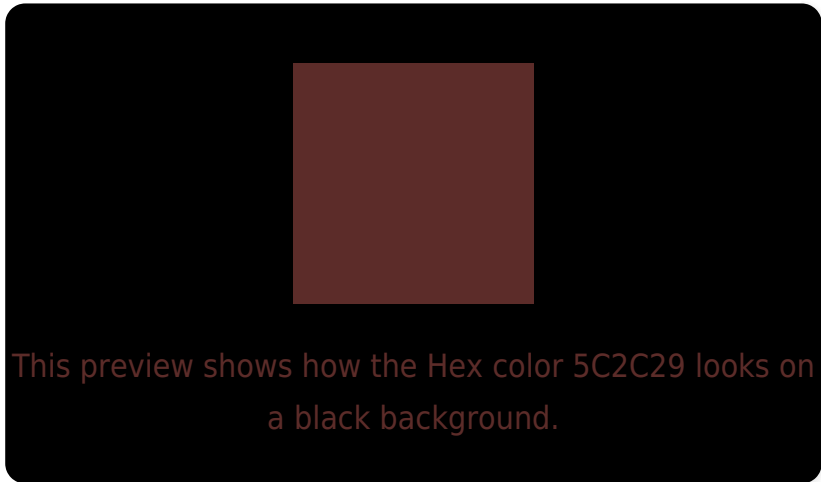
Large Text (above 18pt) WCAG AA ✓ Pass

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

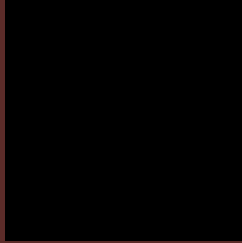
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5C2C29 Background



This preview shows how black text looks on a background with the Hex color 5C2C29.

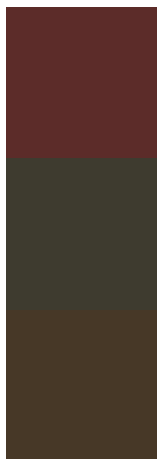


This preview shows how white text looks on a background with the Hex color 5C2C29.

# 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



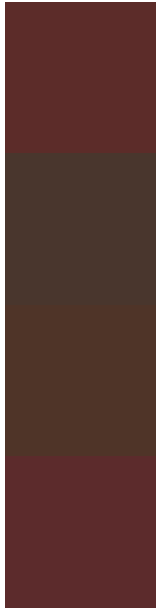
**Original Color**  
5C2C29

**Protanopia**  
3E3B2F

**Deuteranopia**  
473827



# Trichromacy



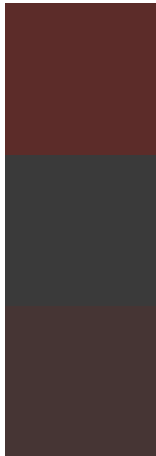
**Original Color**  
5C2C29

**Protanomaly**  
49362D

**Deuteranomaly**  
4F3428

**Tritanomaly**  
5C2B2C

# Monochromacy



**Original Color**  
5C2C29

**Achromatopsia**  
3A3A3A

**Achromatomaly**  
463534

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C2C29 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 #5C2C29 looks like.

```
.text, #text, p{  
    color:#5C2C29  
}
```

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 #5C2C29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C2C29
}
```

## Border

The CSS property to change the border of an element to Hex 5C2C29 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".

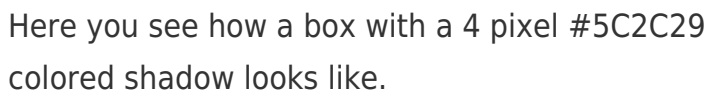
```
.border, #border, table{ border:4px solid
#5C2C29 }
```

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

```
.border{ border-color:#5C2C29 }
```

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

Here you see how a box with a 4 pixel #5C2C29 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is visible on the right and bottom edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C2C29; -webkit-box-shadow:4px 4px  
4px 4px #5C2C29; box-shadow:4px 4px 4px  
4px #5C2C29 }
```

# Background

The CSS property to change the background color of an element to Hex 5C2C29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C2C29 }
```

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

```
.background{ background-color:#5C2C29 }
```

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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