

# Converting Colors

Hex(5C2444)

Have a look what the booklet for  
Hex(5C2444) contains.

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**Color**

**Hex(5C2444)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C2444
RGB	92, 36, 68
RGB Percent	36%, 14%, 27%
CMY	0.6392, 0.8588, 0.7333
CMYK	0.00, 0.61, 0.26, 0.64
HSL	326°, 44%, 25%
HSV	326°, 61%, 36%
XYZ	6.0879, 3.9544, 5.9113
YIQ	56.3920, 23.1040, 21.8240

# Conversions

## Conversions Part 2

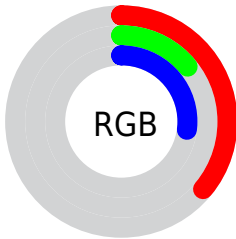
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	92, 36, 68
Decimal	6038596
CIE Lab	23.52, 29.71, -7.59
CIE LCh	24, 30.663, 345.664
Yxy	3.9544, 0.3816, 0.2479
Android (android.graphics.Color)	4284228676 (0xFF5C2444)
YUV	56.3920, 5.7227, 31.2282
Hunter-Lab	19.8857, 19.8467, -3.7046

# Details

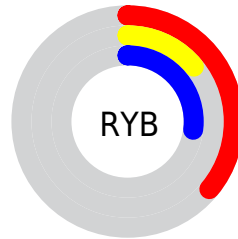
The Hex color **5C2444** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **245C3C**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **905474**, and **2C0019** is the 20% darker color. If you saturate the color by 10%, you get **5C1B40**, and if you desaturate by 10%, it is **5C2D48**.

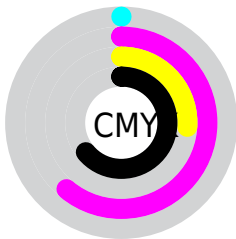
# Distribution



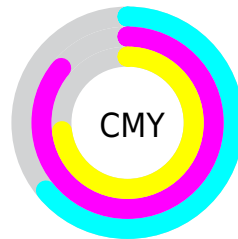
- Red (36%)
- Green (14%)
- Blue (27%)



- Red (36%)
- Yellow (14%)
- Blue (27%)



- Cyan (0%)
- Magenta (61%)
- Yellow (26%)
- Black (64%)



- Cyan (64%)
- Magenta (86%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C2444 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 5C2444 by changing the saturation by 10% instead.



 5C2444

 5C2444

FFFFFF

 430C2E

 905474

 2C0019

 AB6D8E

 050000

 C787A8

 000000

 E4A1C3

 FFBDDF

 FFD9FC

 FFF5FF

 5C2444

 5C2444

■ 5C1B40

■ 5C2D48

■ 5C123C

■ 5C364C

■ 5C0838

■ 5C4050

■ 5C0035

■ 5C4954

■ 5C5258

■ 5C5B5C

■ 5C6460

■ 5C6E64

■ 5C7767

# Harmonies

## Analogous

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



482D58



5C2444



62232D

# Triad

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



5C2444



393B06



004258

# Complementary

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



5C2444



245C3C

# 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.



004344



5C2444



1E4016

# Square

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



5C2444



4D3308



00422C



003E64

# Rectangle

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



5C2444



5F271F



00422C



004252



# Sweetspot

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



5C2444



78626F



3B245C



3D3037



BDBDBD



3D3D3D



# Same Dimension

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



5C2444



782052



5C2429



2E292C



6E003F



ED0088



# Inverse Universe

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



5C2444



782052



245C57



2E292C



6E003F

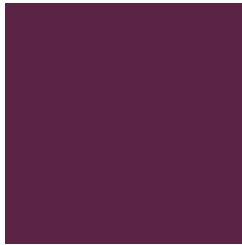


ED0088



# Previews

## White Background



This preview shows how the Hex color 5C2444 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

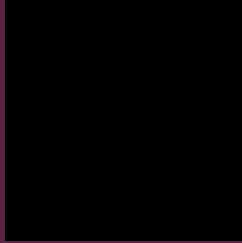
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5C2444 Background



This preview shows how black text looks on a background with the Hex color 5C2444.



This preview shows how white text looks on a background with the Hex color 5C2444.

# 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**  
5C2444

**Protanopia**  
303852

**Deuteranopia**  
3B3841



# Trichromacy



**Original Color**  
5C2444

**Protanomaly**  
40314D

**Deuteranomaly**  
473142

**Tritanomaly**  
5B2835

# Monochromacy



**Original Color**  
5C2444

**Achromatopsia**  
383838

**Achromatomaly**  
45313C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C2444 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 #5C2444 looks like.

```
.text, #text, p{  
    color:#5C2444  
}
```

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 #5C2444 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C2444
}
```

## Border

The CSS property to change the border of an element to Hex 5C2444 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
#5C2444 }
```

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

```
.border{ border-color:#5C2444 }
```

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

Here you see how a box with a 4 pixel #5C2444 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C2444; -webkit-box-shadow:4px 4px  
4px 4px #5C2444; box-shadow:4px 4px 4px  
4px #5C2444 }
```

# Background

The CSS property to change the background color of an element to Hex 5C2444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C2444 }
```

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

```
.background{ background-color:#5C2444 }
```

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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