

Converting Colors

Hex(5C2344)

Have a look what the booklet for
Hex(5C2344) contains.

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Color

Hex(5C2344)

Conversions

Conversions Part 1

Format	Color
Hex	5C2344
RGB	92, 35, 68
RGB Percent	36%, 14%, 27%
CMY	0.6392, 0.8627, 0.7333
CMYK	0.00, 0.62, 0.26, 0.64
HSL	325°, 45%, 25%
HSV	325°, 62%, 36%
XYZ	6.0581, 3.8947, 5.9013
YIQ	55.8050, 23.3790, 22.3470

Conversions

Conversions Part 2

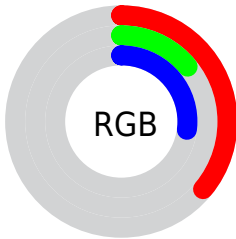
Format	Color
R_{YB}	92, 35, 68
Decimal	6038340
CIE _{Lab}	23.32, 30.24, -7.89
CIE _{LCh}	23, 31.255, 345.370
Yxy	3.8947, 0.3821, 0.2457
Android (android.graphics.Color)	4284228420 (0xFF5C2344)
YUV	55.8050, 6.0121, 31.7430
Hunter-Lab	19.7351, 20.2576, -3.9147




Details

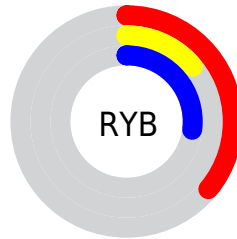
The Hex color **5C2344** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **235C3B**, and the grayscale version is **383838**.




A 20% lighter version of the original color is **905374**, and **2C0019** is the 20% darker color. If you saturate the color by 10%, you get **5C1A40**, and if you desaturate by 10%, it is **5C2C48**.

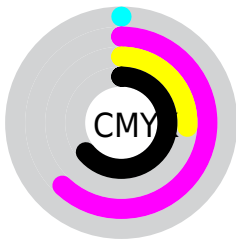
Distribution







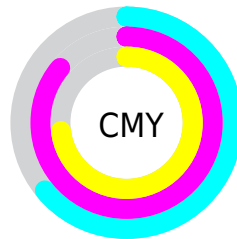
-  Red (36%)
-  Green (14%)
-  Blue (27%)






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



-  Cyan (0%)
-  Magenta (62%)
-  Yellow (26%)
-  Black (64%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 5C2344 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 5C2344 by changing the saturation by 10% instead.

 5C2344

 5C2344

FFFFFF

 430A2E

 905374

 2C0019

 AB6C8E

 040000

 C786A8

 000000

 E4A0C3

 FFBCDF

 FFD8FC

 FFF4FF

 5C2344

 5C2344

■ 5C1A40

■ 5C2C48

■ 5C113C

■ 5C354C

■ 5C0738

■ 5C3F50

■ 5C0035

■ 5C4853

■ 5C5157

■ 5C5A5B

■ 5C635F

■ 5C6D63

■ 5C7667

Harmonies

Analogous

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



482C59



5C2344



62222D

Triad

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



5C2344



383A04



004158

Complementary

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



5C2344



235C3B

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.



004343



5C2344



1D3F15

Square

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



5C2344



4D3206



00422B



003D65

Rectangle

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



5C2344



5F261E



00422B



004252

Sweetspot

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



5C2344



78616E



3B235C



3D2F37



BDBDBD



3D3D3D

Same Dimension

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



5C2344



781F53



5C2328



2E292C



6E003F



ED0089

Inverse Universe

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



5C2344



781F53



235C57



2E292C



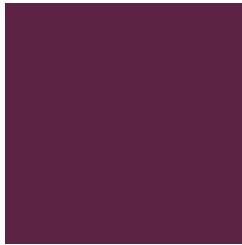
6E003F



ED0089

Previews

White Background



This preview shows how the Hex color 5C2344 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

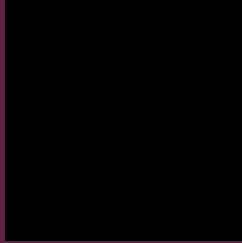
Any Text WCAG AA × Fail

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 5C2344 Background



This preview shows how black text looks on a background with the Hex color 5C2344.



This preview shows how white text looks on a background with the Hex color 5C2344.

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
5C2344

Protanopia
303853

Deuteranopia
3A3741



Tritanopia
5A292C

Trichromacy



Original Color
5C2344

Protanomaly
40304E

Deuteranomaly
463042

Tritanomaly
5B2735

Monochromacy



Original Color
5C2344

Achromatopsia
383838

Achromatomaly
45303C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C2344 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 #5C2344 looks like.

```
.text, #text, p{  
    color:#5C2344  
}
```

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 #5C2344 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C2344
}
```

Border

The CSS property to change the border of an element to Hex 5C2344 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".

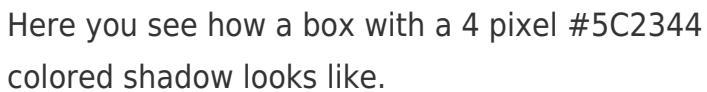
```
.border, #border, table{ border:4px solid
#5C2344 }
```

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

```
.border{ border-color:#5C2344 }
```

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

Here you see how a box with a 4 pixel #5C2344 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border. Below the box, there is a thick dark purple horizontal bar. The shadow is a dark purple rectangular area that is slightly offset from the bottom and right edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C2344; -webkit-box-shadow:4px 4px  
4px 4px #5C2344; box-shadow:4px 4px 4px  
4px #5C2344 }
```

Background

The CSS property to change the background color of an element to Hex 5C2344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C2344 }
```

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

```
.background{ background-color:#5C2344 }
```

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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