

Converting Colors

Hex(5C2133)

Have a look what the booklet for
Hex(5C2133) contains.

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Color

Hex(5C2133)

Conversions

Conversions Part 1

Format	Color
Hex	5C2133
RGB	92, 33, 51
RGB Percent	36%, 13%, 20%
CMY	0.6392, 0.8706, 0.8000
CMYK	0.00, 0.64, 0.45, 0.64
HSL	342°, 47%, 25%
HSV	342°, 64%, 36%
XYZ	5.5550, 3.6020, 3.5344
YIQ	52.6930, 29.3860, 18.1060

Conversions

Conversions Part 2

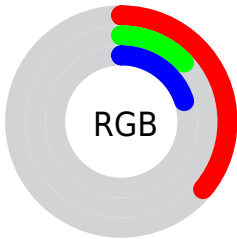
Format	Color
RYB	92, 33, 51
Decimal	6037811
CIELab	22.31, 28.91, 2.25
CIELCh	22, 28.998, 4.453
Yxy	3.6020, 0.4377, 0.2838
Android (android.graphics.Color)	4284227891 (0xFF5C2133)
YUV	52.6930, -0.8346, 34.4722
Hunter-Lab	18.9790, 19.0324, 2.2438

Details

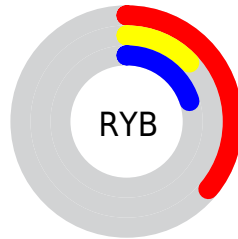
The Hex color **5C2133** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **215C4A**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **915161**, and **2D0004** is the 20% darker color. If you saturate the color by 10%, you get **5C182D**, and if you desaturate by 10%, it is **5C2A39**.

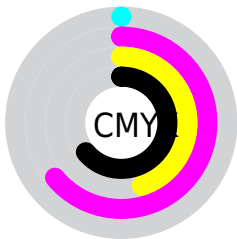
Distribution



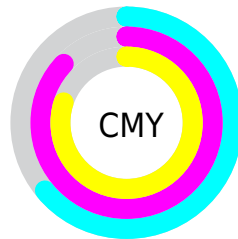
- Red (36%)
- Green (13%)
- Blue (20%)



- Red (36%)
- Yellow (13%)
- Blue (20%)



- Cyan (0%)
- Magenta (64%)
- Yellow (45%)
- Black (64%)



- Cyan (64%)
- Magenta (87%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C2133 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 5C2133 by changing the saturation by 10% instead.

 5C2133

 5C2133

FFFFFF

 43081E

 915161

 2D0004

 AC6A7A

 000000

 C88394

 E59EAE

 FFB9CA

 FFD5E6

 FFF1FF

 5C2133

 5C2133

■ 5C182D

■ 5C2A39

■ 5C0F26

■ 5C3340

■ 5C0520

■ 5C3D46

■ 5C001C

■ 5C464D

■ 5C4F53

■ 5C5859

■ 5C6160

■ 5C6B66

■ 5C746D

Harmonies

Analogous

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



522548



5C2133



5A251E

Triad

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



5C2133



273B0F



003C5C

Complementary

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



5C2133



215C4A

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.



003F4D



5C2133



013E22

Square

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



5C2133



3E3505



004038



073760

Rectangle

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



5C2133



542A12



004038



003E58

Sweetspot

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



5C2133



786168



49215C



3D2F33



BDBDBD



3D3D3D

Same Dimension

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



5C2133



781C38



5C2C21



2E292B



6E0021



ED0048

Inverse Universe

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



5C2133



781C38



21515C



2E292B



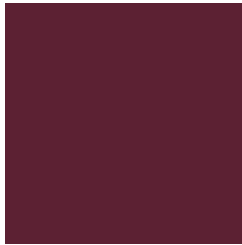
6E0021



ED0048

Previews

White Background



This preview shows how the Hex color 5C2133 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

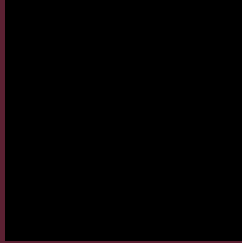
Any Text WCAG AA × Fail

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 5C2133 Background



This preview shows how black text looks on a background with the Hex color 5C2133.



This preview shows how white text looks on a background with the Hex color 5C2133.

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
5C2133

Protanopia
35363F

Deuteranopia
3E3430



Tritanopia
5B2426

Trichromacy



Original Color
5C2133

Protanomaly
432E3B

Deuteranomaly
492D31

Tritanomaly
5B232B

Monochromacy



Original Color
5C2133

Achromatopsia
353535

Achromatomaly
432E34

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C2133 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 #5C2133 looks like.

```
.text, #text, p{  
    color:#5C2133  
}
```

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 #5C2133 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C2133
}
```

Border

The CSS property to change the border of an element to Hex 5C2133 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
#5C2133 }
```

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

```
.border{ border-color:#5C2133 }
```

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

Here you see how a box with a 4 pixel #5C2133 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C2133; -webkit-box-shadow:4px 4px  
4px 4px #5C2133; box-shadow:4px 4px 4px  
4px #5C2133 }
```

Background

The CSS property to change the background color of an element to Hex 5C2133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C2133 }
```

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

```
.background{ background-color:#5C2133 }
```

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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