

Converting Colors

Hex(5C1B33)

Have a look what the booklet for
Hex(5C1B33) contains.

Hex(5C1B33)	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(5C1B33)

Conversions

Conversions Part 1

Format	Color
Hex	5C1B33
RGB	92, 27, 51
RGB Percent	36%, 11%, 20%
CMY	0.6392, 0.8941, 0.8000
CMYK	0.00, 0.71, 0.45, 0.64
HSL	338°, 55%, 23%
HSV	338°, 71%, 36%
XYZ	5.4031, 3.2982, 3.4838
YIQ	49.1710, 31.0360, 21.2440

Conversions

Conversions Part 2

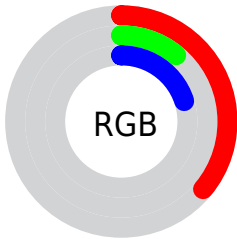
Format	Color
RYB	92, 27, 51
Decimal	6036275
CIELab	21.20, 31.90, 0.65
CIELCh	21, 31.911, 1.159
Yxy	3.2982, 0.4434, 0.2707
Android (android.graphics.Color)	4284226355 (0xFF5C1B33)
YUV	49.1710, 0.9017, 37.5610
Hunter-Lab	18.1609, 21.3244, 1.3391

Details

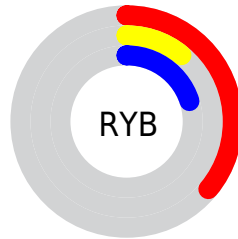
The Hex color **5C1B33** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **1B5C44**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **914B61**, and **2E0004** is the 20% darker color. If you saturate the color by 10%, you get **5C122D**, and if you desaturate by 10%, it is **5C2439**.

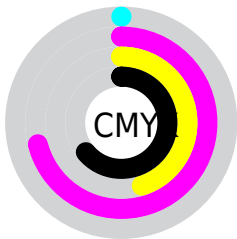
Distribution



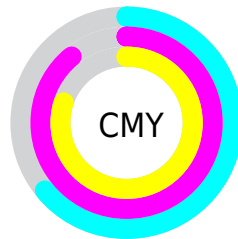
- Red (36%)
- Green (11%)
- Blue (20%)



- Red (36%)
- Yellow (11%)
- Blue (20%)



- Cyan (0%)
- Magenta (71%)
- Yellow (45%)
- Black (64%)



- Cyan (64%)
- Magenta (89%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C1B33 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 5C1B33 by changing the saturation by 10% instead.

 5C1B33

 5C1B33

FFFFFF

 42011E

 914B61

 2E0004

 AD647A

 000000

 C97E94

 E699AE

 FF84CA

 FFD0E6

 FFECFF

 5C1B33

 5C1B33

■ 5C122D

■ 5C2439

■ 5C0927

■ 5C2D3F

■ 5C0022

■ 5C3744

■ 5C404A

■ 5C4950

■ 5C5256

■ 5C5B5C

■ 5C6561

■ 5C6E67

Harmonies

Analogous

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



50214A



5C1B33



5B1F1C

Triad

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



5C1B33



263804



003B5C

Complementary

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



5C1B33



1B5C44

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.



003E4B



5C1B33



003C1B

Square

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



5C1B33



3E3200



003E33



003562

Rectangle

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



5C1B33



55260E



003E33



003C57

Sweetspot

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



5C1B33



785F68



431B5C



3D2E34



BDBDBD



3D3D3D

Same Dimension

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



5C1B33



781238



5C231B



2E292B



6E0028



ED0058

Inverse Universe

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



5C1B33



781238



1B545C



2E292B



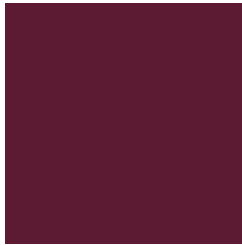
6E0028



ED0058

Previews

White Background



This preview shows how the Hex color 5C1B33 looks on a white background.

Color Contrast Check

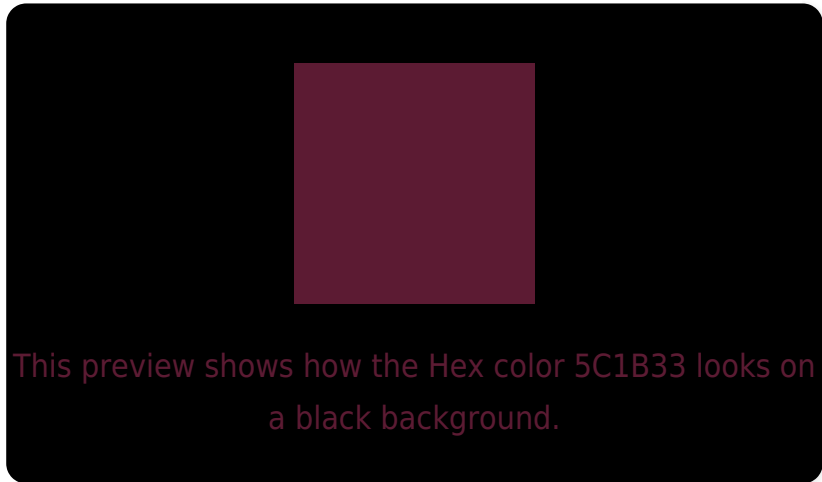
Large Text (above 18pt) WCAG AA ✓ Pass

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

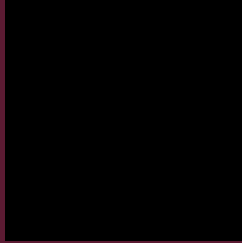
Any Text WCAG AA × Fail

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 5C1B33 Background



This preview shows how black text looks on a background with the Hex color 5C1B33.



This preview shows how white text looks on a background with the Hex color 5C1B33.

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
5C1B33

Protanopia
313442

Deuteranopia
3B3230



Tritanopia
5B1F21

Trichromacy



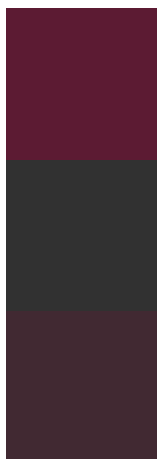
Original Color
5C1B33

Protanomaly
412B3D

Deuteranomaly
472A31

Tritanomaly
5B1E28

Monochromacy



Original Color
5C1B33

Achromatopsia
313131

Achromatomaly
412932

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C1B33 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 #5C1B33 looks like.

```
.text, #text, p{  
    color:#5C1B33  
}
```

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 #5C1B33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C1B33
}
```

Border

The CSS property to change the border of an element to Hex 5C1B33 is called "border". The border property can be set on classes, ids or directly on the HTML element.

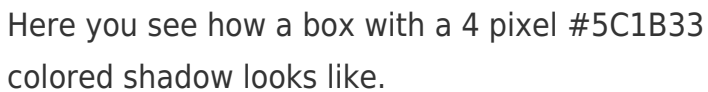
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5C1B33 }
```

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

```
.border{ border-color:#5C1B33 }
```

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



Here you see how a box with a 4 pixel #5C1B33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C1B33; -webkit-box-shadow:4px 4px  
4px 4px #5C1B33; box-shadow:4px 4px 4px  
4px #5C1B33 }
```

Background

The CSS property to change the background color of an element to Hex 5C1B33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C1B33 }
```

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

```
.background{ background-color:#5C1B33 }
```

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