

Converting Colors

Hex(5C0A33)

Have a look what the booklet for
Hex(5C0A33) contains.

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Color

Hex(5C0A33)

Conversions

Conversions Part 1

Format	Color
Hex	5C0A33
RGB	92, 10, 51
RGB Percent	36%, 4%, 20%
CMY	0.6392, 0.9608, 0.8000
CMYK	0.00, 0.89, 0.45, 0.64
HSL	330°, 80%, 20%
HSV	330°, 89%, 36%
XYZ	5.1197, 2.7314, 3.3893
YIQ	39.1920, 35.7110, 30.1350

Conversions

Conversions Part 2

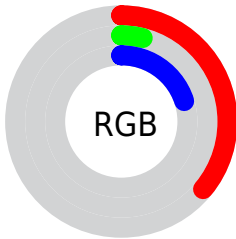
Format	Color
RYB	92, 10, 51
Decimal	6031923
CIELab	18.93, 38.25, -2.68
CIElCh	19, 38.345, 355.989
Yxy	2.7314, 0.4555, 0.2430
Android (android.graphics.Color)	4284222003 (0xFF5C0A33)
YUV	39.1920, 5.8213, 46.3126
Hunter-Lab	16.5270, 26.3734, -0.5903

Details

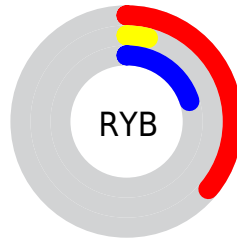
The Hex color **5C0A33** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **0A5C33**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **924061**, and **2D0004** is the 20% darker color. If you saturate the color by 10%, you get **5C012E**, and if you desaturate by 10%, it is **5C1338**.

Distribution



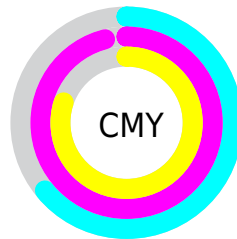
- Red (36%)
- Green (4%)
- Blue (20%)



- Red (36%)
- Yellow (4%)
- Blue (20%)



- Cyan (0%)
- Magenta (89%)
- Yellow (45%)
- Black (64%)



- Cyan (64%)
- Magenta (96%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C0A33 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 5C0A33 by changing the saturation by 10% instead.

 5C0A33

 5C0A33

FFFEFF

 42001E

 924061

 2D0004

 AE597A

 000000

 CA7394

 E78DAE

 FFA9CA

 FFC4E6

 FFE1FF

 5C0A33

 5C0A33

■ 5C012E

■ 5C1338

■ 5C002E

■ 5C1C3C

■ 5C2641

■ 5C2F45

■ 5C384A

■ 5C414F

■ 5C4A53

■ 5C5458

■ 5C5D5C

Harmonies

Analogous

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



4B194E



5C0A33



5D1018

Triad

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



5C0A33



233300



00385C

Complementary

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



5C0A33



0A5C33

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.



003A46



5C0A33



00380B

Square

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



5C0A33



3D2C00



003A29



003366

Rectangle

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



5C0A33



561A02



003A29



003956

Sweetspot

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



5C0A33



785768



330A5C



3D2A33



BDBDBD



3D3D3D

Same Dimension

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



5C0A33



78003C



5C0A0A



2E292C



6E0037



ED0077

Inverse Universe

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



5C0A33



78003C



0A5C5C



2E292C



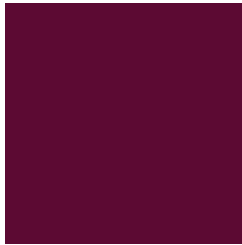
6E0037



ED0077

Previews

White Background



This preview shows how the Hex color 5C0A33 looks on a white background.

Color Contrast Check

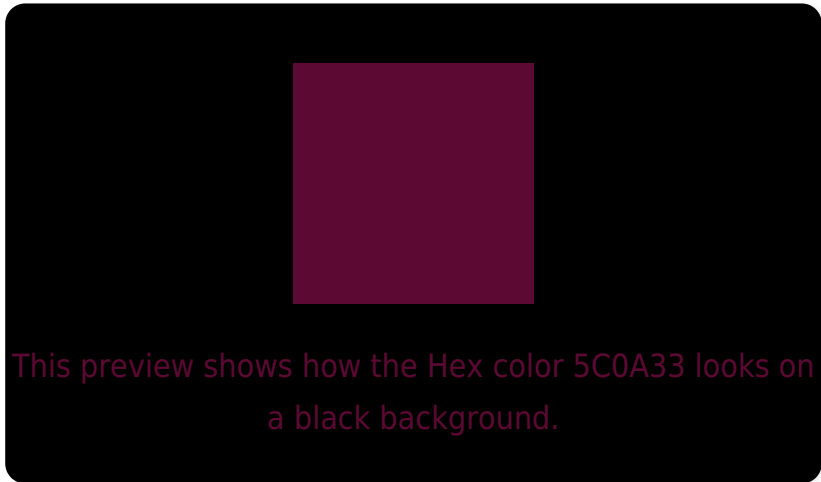
Large Text (above 18pt) WCAG AA ✓ Pass

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

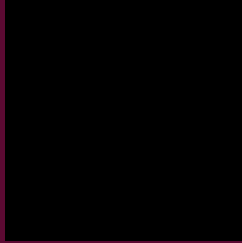
Any Text WCAG AA × Fail

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 5C0A33 Background



This preview shows how black text looks on a background with the Hex color 5C0A33.



This preview shows how white text looks on a background with the Hex color 5C0A33.

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
5C0A33

Protanopia
293048

Deuteranopia
362F2F



Tritanopia
5A1616

Trichromacy



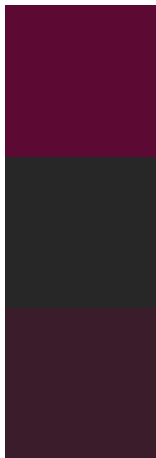
Original Color
5C0A33

Protanomaly
3C2240

Deuteranomaly
442230

Tritanomaly
5B1221

Monochromacy



Original Color
5C0A33

Achromatopsia
272727

Achromatomaly
3A1C2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C0A33 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 #5C0A33 looks like.

```
.text, #text, p{  
    color:#5C0A33  
}
```

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 #5C0A33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C0A33
}
```

Border

The CSS property to change the border of an element to Hex 5C0A33 is called "border". The border property can be set on classes, ids or directly on the HTML element.

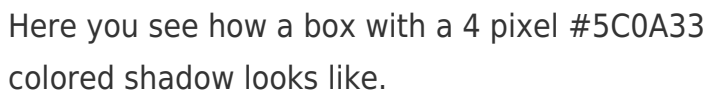
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5C0A33 }
```

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

```
.border{ border-color:#5C0A33 }
```

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



Here you see how a box with a 4 pixel #5C0A33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C0A33; -webkit-box-shadow:4px 4px  
4px 4px #5C0A33; box-shadow:4px 4px 4px  
4px #5C0A33 }
```

Background

The CSS property to change the background color of an element to Hex 5C0A33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C0A33 }
```

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

```
.background{ background-color:#5C0A33 }
```

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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