

Converting Colors

Hex(5C002D)

Have a look what the booklet for
Hex(5C002D) contains.

Hex(5C002D)	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(5C002D)

Conversions

Conversions Part 1

Format	Color
Hex	5C002D
RGB	92, 0, 45
RGB Percent	36%, 0%, 18%
CMY	0.6392, 1.0000, 0.8235
CMYK	0.00, 1.00, 0.51, 0.64
HSL	331°, 100%, 18%
HSV	331°, 100%, 36%
XYZ	4.8873, 2.4648, 2.7008
YIQ	32.6380, 40.3870, 33.4990

Conversions

Conversions Part 2

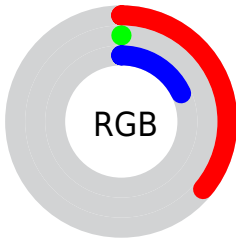
Format	Color
R _Y B	92, 0, 45
Decimal	6029357
CIE Lab	17.76, 40.42, -0.12
CIE LCh	18, 40.418, 359.825
Yxy	2.4648, 0.4862, 0.2452
Android (android.graphics.Color)	4284219437 (0xFF5C002D)
YUV	32.6380, 6.0945, 52.0605
Hunter-Lab	15.6996, 28.0928, 0.7901

Details

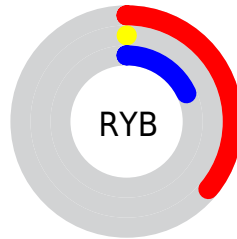
The Hex color **5C002D** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **005C2F**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **923A5A**, and **2B0001** is the 20% darker color. If you saturate the color by 10%, you get **5C002D**, and if you desaturate by 10%, it is **5C0932**.

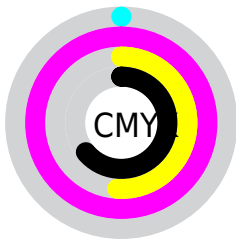
Distribution



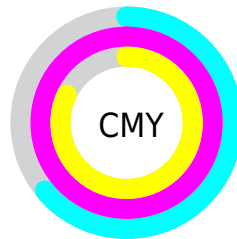
- Red (36%)
- Green (0%)
- Blue (18%)



- Red (36%)
- Yellow (0%)
- Blue (18%)



- Cyan (0%)
- Magenta (100%)
- Yellow (51%)
- Black (64%)



- Cyan (64%)
- Magenta (100%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C002D 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 5C002D by changing the saturation by 10% instead.

 5C002D

 5C002D

 FFF8FF

 420019

 923A5A

 2B0001

 AF5473

 000000

 CB6E8C

 E888A7

 FFA3C2

 FFBFDE

 FFDBFA

 5C002D

■ 5C0932

■ 5C1236

■ 5C1C3B

■ 5C2540

■ 5C2E44

■ 5C3749

■ 5C404E

■ 5C4A53

■ 5C5357

Harmonies

Analogous

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



4D1149



5C002D



5B0A10

Triad

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



5C002D



1B3200



00365E

Complementary

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



5C002D



005C2F

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.



003848



5C002D



00360A

Square

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



5C002D



372A00



00372A



003067

Rectangle

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



5C002D



531800



00372A



003758

Sweetspot

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



5C002D



785465



2E005C



3D2732



BDBDBD



3D3D3D

Same Dimension

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



5C002D



78003B



5C0000



2E292C



6E0036



ED0074

Inverse Universe

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



5C002D



78003B



005C5C



2E292C



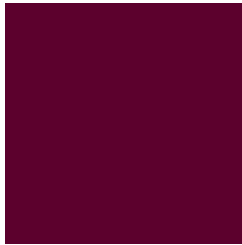
6E0036



ED0074

Previews

White Background



This preview shows how the Hex color 5C002D looks on a white background.

Color Contrast Check

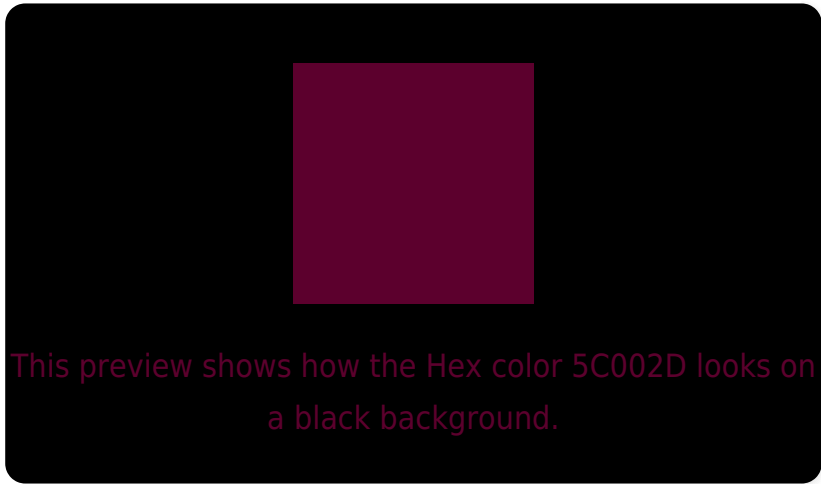
Large Text (above 18pt) WCAG AA ✓ Pass

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

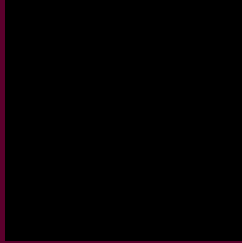
Any Text WCAG AA × Fail

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 5C002D Background



This preview shows how black text looks on a background with the Hex color 5C002D.



This preview shows how white text looks on a background with the Hex color 5C002D.

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
5C002D

Protanopia
2B2F41

Deuteranopia
372E29

Trichromacy



Original Color
5C002D

Protanomaly
3D1E3A

Deuteranomaly
441D2A

Tritanomaly
5B0B1C

Monochromacy



Original Color
5C002D

Achromatopsia
212121

Achromatomaly
361525

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C002D 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 #5C002D looks like.

```
.text, #text, p{  
    color:#5C002D  
}
```

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 #5C002D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C002D
}
```

Border

The CSS property to change the border of an element to Hex 5C002D 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".

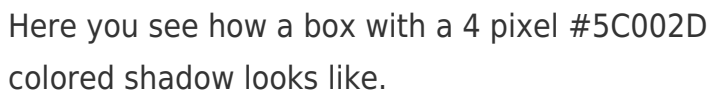
```
.border, #border, table{ border:4px solid
#5C002D }
```

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

```
.border{ border-color:#5C002D }
```

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

Here you see how a box with a 4 pixel #5C002D colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #5C002D colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C002D; -webkit-box-shadow:4px 4px  
4px 4px #5C002D; box-shadow:4px 4px 4px  
4px #5C002D }
```

Background

The CSS property to change the background color of an element to Hex 5C002D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C002D }
```

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

```
.background{ background-color:#5C002D }
```

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