

# Converting Colors

Hex(5F002A)

Have a look what the booklet for  
Hex(5F002A) contains.

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**Color**

**Hex(5F002A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5F002A
RGB	95, 0, 42
RGB Percent	37%, 0%, 16%
CMY	0.6275, 1.0000, 0.8353
CMYK	0.00, 1.00, 0.56, 0.63
HSL	333°, 100%, 19%
HSV	333°, 100%, 37%
XYZ	5.1372, 2.6001, 2.4216
YIQ	33.1930, 43.1380, 33.2020

# Conversions

## Conversions Part 2

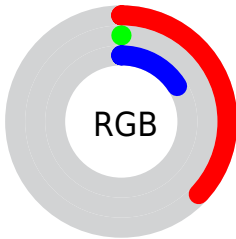
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">95, 0, 42</a>
Decimal	<a href="#">6225962</a>
CIELab	<a href="#">18.37, 40.92, 3.01</a>
CIELCh	<a href="#">18, 41.030, 4.202</a>
Yxy	<a href="#">2.6001, 0.5057, 0.2559</a>
Android (android.graphics.Color)	<a href="#">4284416042</a> (0xFF5F002A)
YUV	<a href="#">33.1930, 4.3419, 54.2047</a>
Hunter-Lab	<a href="#">16.1247, 28.6507, 2.3832</a>

# Details

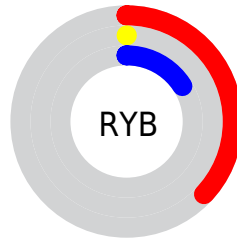
The Hex color **5F002A** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **005F35**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **963B57**, and **2E0002** is the 20% darker color. If you saturate the color by 10%, you get **5F002A**, and if you desaturate by 10%, it is **5F092F**.

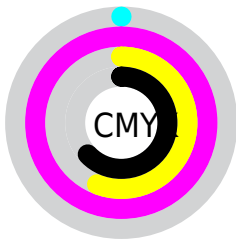
# Distribution



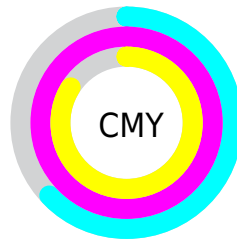
- Red (37%)
- Green (0%)
- Blue (16%)



- Red (37%)
- Yellow (0%)
- Blue (16%)



- Cyan (0%)
- Magenta (100%)
- Yellow (56%)
- Black (63%)



- Cyan (63%)
- Magenta (100%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F002A 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 5F002A by changing the saturation by 10% instead.



 5F002A

 5F002A

 FFF9FF

 440016

 963B57

 2E0002

 B2556F

 000000

 CF6E89

 ED89A3

 FFA4BE

 FFC0DA

 FFDCF6

 5F002A

 5F092F

 5F1335

 5F1D3A

 5F263F

 5F3045

 5F394A

 5F434F

 5F4C54

 5F565A

# Harmonies

## Analogous

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



520F47



5F002A



5B0E0C

# Triad

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



5F002A



163400



003663

# Complementary

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



5F002A



005F35

# 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.



00394E



5F002A



003811

# Square

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



5F002A



352D00



003930



003069

# Rectangle

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



5F002A



531B00



003930



00385D



# Sweetspot

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



5F002A



7A5666



34005F



3D2731



BDBDBD



3D3D3D



# Same Dimension

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



5F002A



7A0036



5F0500



302C2E



700032



F0006A



# Inverse Universe

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



5F002A



7A0036



005A5F



302C2E



700032

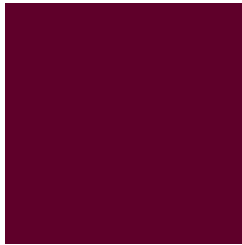


F0006A



# Previews

## White Background



This preview shows how the Hex color 5F002A looks on a white background.

## Color Contrast Check

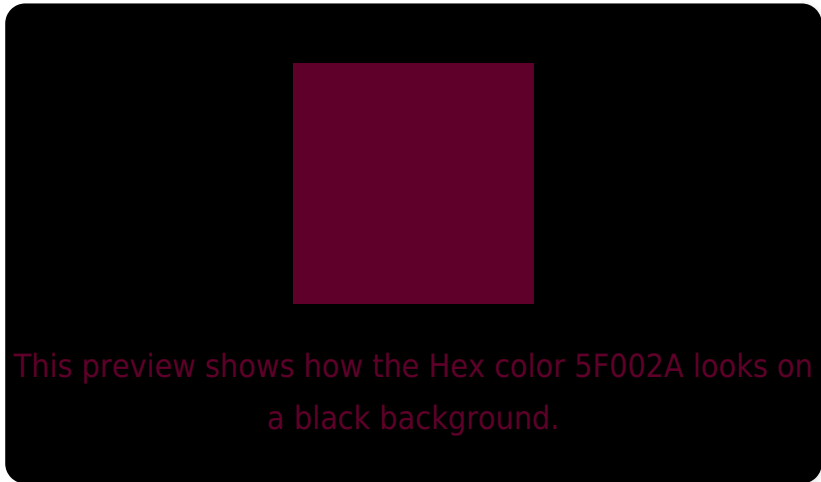
Large Text (above 18pt) WCAG AA ✓ Pass

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 5F002A Background



This preview shows how black text looks on a background with the Hex color 5F002A.



This preview shows how white text looks on a background with the Hex color 5F002A.

# 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**  
5F002A

**Protanopia**  
2E313D

**Deuteranopia**  
392F26



**Tritanopia**  
5E1110

# Trichromacy



**Original Color**  
5F002A

**Protanomaly**  
401F36

**Deuteranomaly**  
471E27

**Tritanomaly**  
5E0B19

# Monochromacy



**Original Color**  
5F002A

**Achromatopsia**  
212121

**Achromatomaly**  
381524

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F002A 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 #5F002A looks like.

```
.text, #text, p{  
    color:#5F002A  
}
```

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 #5F002A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F002A
}
```

## Border

The CSS property to change the border of an element to Hex 5F002A 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".

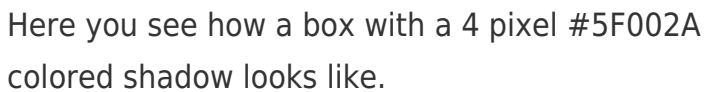
```
.border, #border, table{ border:4px solid
#5F002A }
```

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

```
.border{ border-color:#5F002A }
```

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

Here you see how a box with a 4 pixel #5F002A 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 #5F002A colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F002A; -webkit-box-shadow:4px 4px  
4px 4px #5F002A; box-shadow:4px 4px 4px  
4px #5F002A }
```

# Background

The CSS property to change the background color of an element to Hex 5F002A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F002A }
```

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

```
.background{ background-color:#5F002A }
```

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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