

# Converting Colors

Hex(5F0D3B)

Have a look what the booklet for  
Hex(5F0D3B) contains.

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**Color**

**Hex(5F0D3B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5F0D3B
RGB	95, 13, 59
RGB Percent	37%, 5%, 23%
CMY	0.6275, 0.9490, 0.7686
CMYK	0.00, 0.86, 0.38, 0.63
HSL	326°, 76%, 21%
HSV	326°, 86%, 37%
XYZ	5.6527, 3.0365, 4.4258
YIQ	42.7620, 34.1060, 31.6900

# Conversions

## Conversions Part 2

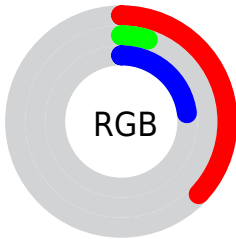
<b>Format</b>	<b>Color</b>
<b>RYB</b>	95, 13, 59
Decimal	6229307
CIELab	20.19, 39.18, -6.37
CIELCh	20, 39.693, 350.764
Yxy	3.0365, 0.4310, 0.2315
Android (android.graphics.Color)	4284419387 (0xFF5F0D3B)
YUV	42.7620, 8.0053, 45.8127
Hunter-Lab	17.4256, 27.4085, -2.8609

# Details

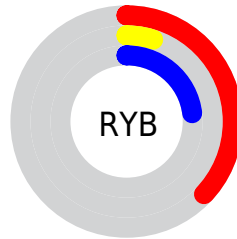
The Hex color **5F0D3B** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **0D5F31**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **95426A**, and **300011** is the 20% darker color. If you saturate the color by 10%, you get **5F0337**, and if you desaturate by 10%, it is **5F163F**.

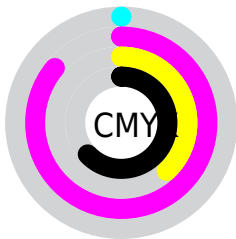
# Distribution



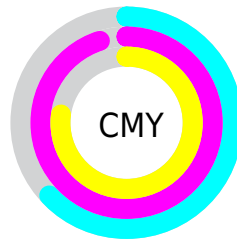
- Red (37%)
- Green (5%)
- Blue (23%)



- Red (37%)
- Yellow (5%)
- Blue (23%)



- Cyan (0%)
- Magenta (86%)
- Yellow (38%)
- Black (63%)



- Cyan (63%)
- Magenta (95%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F0D3B 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 5F0D3B by changing the saturation by 10% instead.



 5F0D3B

 5F0D3B

FFFFFF

 450025

 95426A

 300011

 B15C83

 000000

 CD769D

 EA90B8

 FFACD4

 FFC7F0

 FFE4FF

 5F0D3B

 5F0D3B

■ 5F0337

■ 5F163F

■ 5F0035

■ 5F2043

■ 5F2948

■ 5F334C

■ 5F3D50

■ 5F4654

■ 5F5058

■ 5F595C

■ 5F6261

# Harmonies

## Analogous

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



4A1E56



5F0D3B



620E1E

# Triad

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



5F0D3B



2B3500



003C5E

# Complementary

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



5F0D3B



0D5F31

# 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.



003D45



5F0D3B



003A06

# Square

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



5F0D3B



452C00



003D26



00376B

# Rectangle

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



5F0D3B



5D190A



003D26



003D56



# Sweetspot

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



5F0D3B



7A5B6C



310D5F



3D2A35



BDBDBD



3D3D3D



# Same Dimension

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



5F0D3B



7A0045



5F0D12



302C2E



70003F



F00086



# Inverse Universe

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



5F0D3B



7A0045



0D5F5A



302C2E



70003F

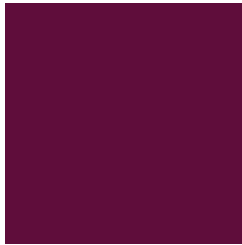


F00086



# Previews

## White Background



This preview shows how the Hex color 5F0D3B looks on a white background.

## Color Contrast Check

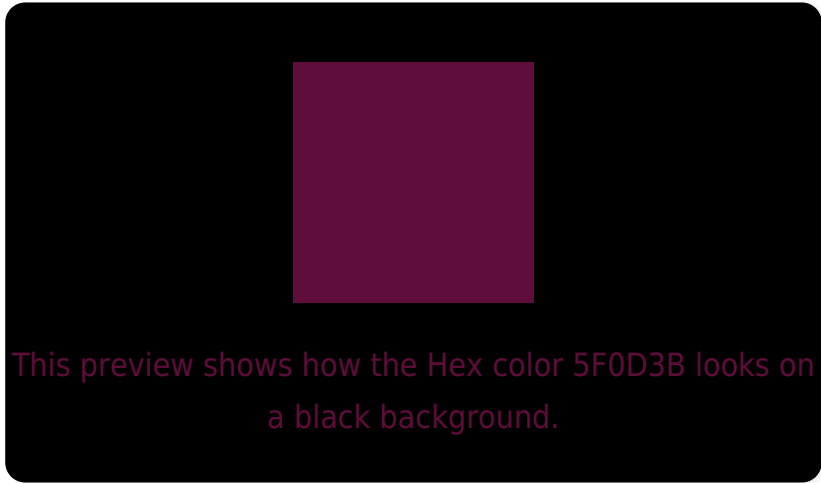
Large Text (above 18pt) WCAG AA ✓ Pass

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

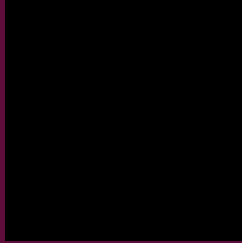
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5F0D3B Background



This preview shows how black text looks on a background with the Hex color 5F0D3B.



This preview shows how white text looks on a background with the Hex color 5F0D3B.

# 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**  
5F0D3B

**Protanopia**  
273252

**Deuteranopia**  
363237



**Tritanopia**  
5D1A1B

# Trichromacy



**Original Color**  
5F0D3B

**Protanomaly**  
3B254A

**Deuteranomaly**  
452538

**Tritanomaly**  
5E1527

# Monochromacy



**Original Color**  
5F0D3B

**Achromatopsia**  
2B2B2B

**Achromatomaly**  
3E2031

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F0D3B 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 #5F0D3B looks like.

```
.text, #text, p{  
    color:#5F0D3B  
}
```

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 #5F0D3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F0D3B
}
```

## Border

The CSS property to change the border of an element to Hex 5F0D3B 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".

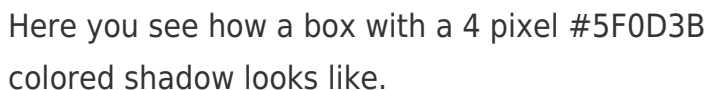
```
.border, #border, table{ border:4px solid
#5F0D3B }
```

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

```
.border{ border-color:#5F0D3B }
```

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

Here you see how a box with a 4 pixel #5F0D3B colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F0D3B; -webkit-box-shadow:4px 4px  
4px 4px #5F0D3B; box-shadow:4px 4px 4px  
4px #5F0D3B }
```

# Background

The CSS property to change the background color of an element to Hex 5F0D3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F0D3B }
```

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

```
.background{ background-color:#5F0D3B }
```

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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