

# Converting Colors

Hex(5E113E)

Have a look what the booklet for  
Hex(5E113E) contains.

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# Color

Hex(5E113E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5E113E
RGB	94, 17, 62
RGB Percent	37%, 7%, 24%
CMY	0.6314, 0.9333, 0.7569
CMYK	0.00, 0.82, 0.34, 0.63
HSL	325°, 69%, 22%
HSV	325°, 82%, 37%
XYZ	5.6860, 3.1284, 4.8616
YIQ	45.1530, 31.4470, 30.3190

# Conversions

## Conversions Part 2

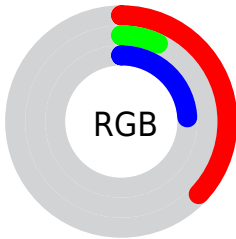
Format	Color
<b>RYB</b>	94, 17, 62
Decimal	6164798
CIELab	20.55, 38.00, -7.93
CIElCh	21, 38.824, 348.208
Yxy	3.1284, 0.4158, 0.2287
Android (android.graphics.Color)	4284354878 (0xFF5E113E)
YUV	45.1530, 8.3056, 42.8388
Hunter-Lab	17.6872, 26.4310, -3.9156

# Details

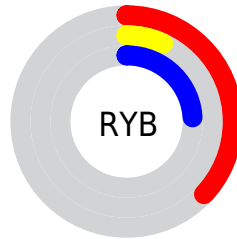
The Hex color **5E113E** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **115E31**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **93456E**, and **2F0014** is the 20% darker color. If you saturate the color by 10%, you get **5E083A**, and if you desaturate by 10%, it is **5E1A42**.

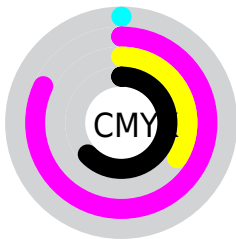
# Distribution



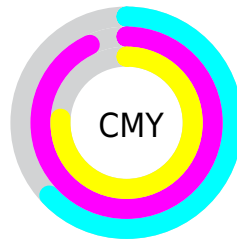
- Red (37%)
- Green (7%)
- Blue (24%)



- Red (37%)
- Yellow (7%)
- Blue (24%)



- Cyan (0%)
- Magenta (82%)
- Yellow (34%)
- Black (63%)



- Cyan (63%)
- Magenta (93%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E113E 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 5E113E by changing the saturation by 10% instead.



 5E113E

 5E113E

FFFFFF

 440028

 93456E

 2F0014

 AF5E87

 000000

 CB78A1

 E892BC

 FFAED8

 FFCAF4

 FFE6FF

 5E113E

 5E113E

■ 5E083A

■ 5E1A42

■ 5E0037

■ 5E2446

■ 5E2D4A

■ 5E374E

■ 5E4052

■ 5E4955

■ 5E5359

■ 5E5C5D

■ 5E6661

# Harmonies

## Analogous

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



482158



5E113E



631022

# Triad

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



5E113E



2E3500



003D5C

# Complementary

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



5E113E



115E31

# 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.



003E43



5E113E



033B05

# Square

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



5E113E



472C00



003D25



00386A

# Rectangle

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



5E113E



5E190F



003D25



003D54



# Sweetspot

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



5E113E



7A5C6E



30115E



3D2B36



BDBDBD



3D3D3D



# Same Dimension

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



5E113E



7A0249



5E1119



2E292C



6E0040



ED008B



# Inverse Universe

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



5E113E



7A0249



115E56



2E292C



6E0040

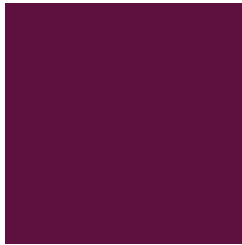


ED008B



# Previews

## White Background



This preview shows how the Hex color 5E113E 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

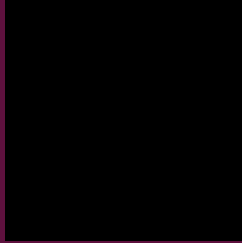
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5E113E Background



This preview shows how black text looks on a background with the Hex color 5E113E.



This preview shows how white text looks on a background with the Hex color 5E113E.

# 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**  
5E113E

**Protanopia**  
263355

**Deuteranopia**  
36323A



# Trichromacy



**Original Color**  
5E113E

**Protanomaly**  
3A274D

**Deuteranomaly**  
45263B

**Tritanomaly**  
5D182A

# Monochromacy



**Original Color**  
5E113E

**Achromatopsia**  
2D2D2D

**Achromatomaly**  
3F2333

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E113E 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 #5E113E looks like.

```
.text, #text, p{  
    color:#5E113E  
}
```

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 #5E113E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E113E
}
```

## Border

The CSS property to change the border of an element to Hex 5E113E is called "border". The border property can be set on classes, ids or directly on the HTML element.

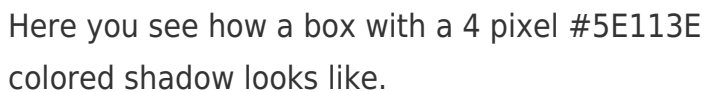
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E113E }
```

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

```
.border{ border-color:#5E113E }
```

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



Here you see how a box with a 4 pixel #5E113E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E113E; -webkit-box-shadow:4px 4px  
4px 4px #5E113E; box-shadow:4px 4px 4px  
4px #5E113E }
```

# Background

The CSS property to change the background color of an element to Hex 5E113E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E113E }
```

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

```
.background{ background-color:#5E113E }
```

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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