

# Converting Colors

Hex(5C142E)

Have a look what the booklet for  
Hex(5C142E) contains.

<b>Hex(5C142E)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(5C142E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C142E
RGB	92, 20, 46
RGB Percent	36%, 8%, 18%
CMY	0.6392, 0.9216, 0.8196
CMYK	0.00, 0.78, 0.50, 0.64
HSL	338°, 64%, 22%
HSV	338°, 78%, 36%
XYZ	5.1569, 2.9729, 2.8868
YIQ	44.4920, 34.5660, 23.3500

# Conversions

## Conversions Part 2

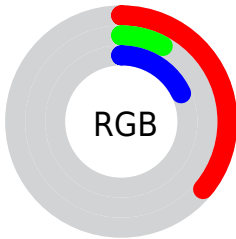
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	92, 20, 46
Decimal	6034478
CIE <sub>Lab</sub>	19.93, 34.40, 2.32
CIE <sub>LCh</sub>	20, 34.473, 3.859
Yxy	2.9729, 0.4681, 0.2699
Android (android.graphics.Color)	4284224558 (0xFF5C142E)
YUV	44.4920, 0.7434, 41.6645
Hunter-Lab	17.2420, 23.2141, 2.1427

# Details

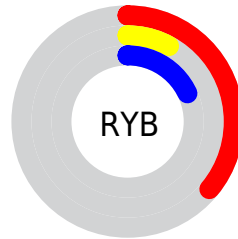
The Hex color **5C142E** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **145C42**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **92465C**, and **2E0002** is the 20% darker color. If you saturate the color by 10%, you get **5C0B28**, and if you desaturate by 10%, it is **5C1D34**.

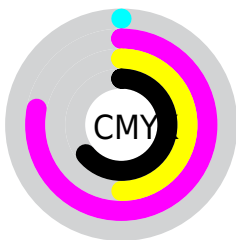
# Distribution



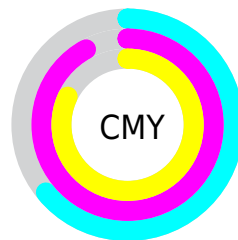
- Red (36%)
- Green (8%)
- Blue (18%)



- Red (36%)
- Yellow (8%)
- Blue (18%)



- Cyan (0%)
- Magenta (78%)
- Yellow (50%)
- Black (64%)



- Cyan (64%)
- Magenta (92%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C142E 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 5C142E by changing the saturation by 10% instead.



 5C142E

 5C142E

FFFFFF

 420019

 92465C

 2E0002

 AE5F74

 000000

 CA798E

 E793A8

 FFAEC3

 FFCADF

 FFE6FC

 5C142E

 5C142E

■ 5C0B28

■ 5C1D34

■ 5C0222

■ 5C263A

■ 5C0021

■ 5C3040

■ 5C3946

■ 5C424B

■ 5C4B51

■ 5C5457

■ 5C5E5D

■ 5C6763

# Harmonies

## Analogous

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



511B47



5C142E



5A1B16

# Triad

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



5C142E



1F3600



00385D

# Complementary

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



5C142E



145C42

# 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.



003B4C



5C142E



003A19

# Square

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



5C142E



3A3000



003B33



003263

# Rectangle

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



5C142E



522203



003B33



003A59



# Sweetspot

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



5C142E



785C66



42145C



3D2C32



BDBDBD



3D3D3D



# Same Dimension

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



5C142E



780730



5C1E14



2E292B



6E0028



ED0056



# Inverse Universe

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



5C142E



780730



14525C



2E292B



6E0028

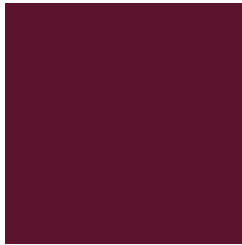


ED0056



# Previews

## White Background



This preview shows how the Hex color 5C142E 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

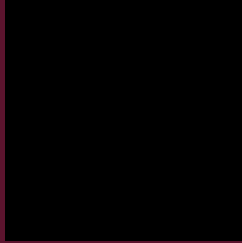
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5C142E Background



This preview shows how black text looks on a background with the Hex color 5C142E.



This preview shows how white text looks on a background with the Hex color 5C142E.

# 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**  
5C142E

**Protanopia**  
2F323E

**Deuteranopia**  
3A302B



**Tritanopia**  
5B191A

# Trichromacy



**Original Color**  
5C142E

**Protanomaly**  
3F2738

**Deuteranomaly**  
46262C

**Tritanomaly**  
5B1721

# Monochromacy



**Original Color**  
5C142E

**Achromatopsia**  
2C2C2C

**Achromatomaly**  
3D232D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C142E 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 #5C142E looks like.

```
.text, #text, p{  
    color:#5C142E  
}
```

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 #5C142E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C142E
}
```

## Border

The CSS property to change the border of an element to Hex 5C142E is called "border". The border property can be set on classes, ids or directly on the HTML element.

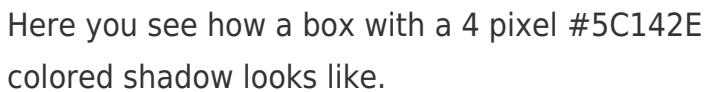
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5C142E }
```

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

```
.border{ border-color:#5C142E }
```

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



Here you see how a box with a 4 pixel #5C142E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C142E; -webkit-box-shadow:4px 4px  
4px 4px #5C142E; box-shadow:4px 4px 4px  
4px #5C142E }
```

# Background

The CSS property to change the background color of an element to Hex 5C142E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C142E }
```

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

```
.background{ background-color:#5C142E }
```

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