

# Converting Colors

Hex(5C214E)

Have a look what the booklet for  
Hex(5C214E) contains.

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# Color

**Hex(5C214E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C214E
RGB	92, 33, 78
RGB Percent	36%, 13%, 31%
CMY	0.6392, 0.8706, 0.6941
CMYK	0.00, 0.64, 0.15, 0.64
HSL	314°, 47%, 25%
HSV	314°, 64%, 36%
XYZ	6.3326, 3.9131, 7.6293
YIQ	55.7710, 20.7190, 26.5030

# Conversions

## Conversions Part 2

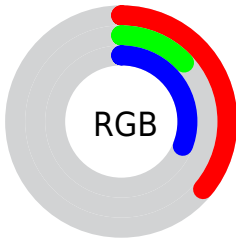
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 33, 78
Decimal	6037838
CIELab	23.38, 32.95, -14.55
CIElCh	23, 36.020, 336.171
Yxy	3.9131, 0.3543, 0.2189
Android (android.graphics.Color)	4284227918 (0xFF5C214E)
YUV	55.7710, 10.9589, 31.7728
Hunter-Lab	19.7815, 22.5254, -9.0197

# Details

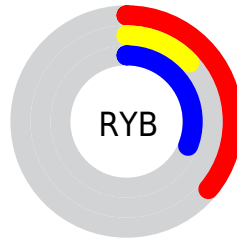
The Hex color **5C214E** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **215C2F**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **90517F**, and **2C0022** is the 20% darker color. If you saturate the color by 10%, you get **5C184C**, and if you desaturate by 10%, it is **5C2A50**.

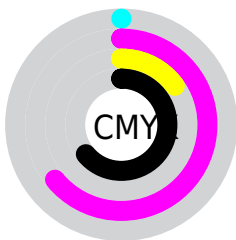
# Distribution



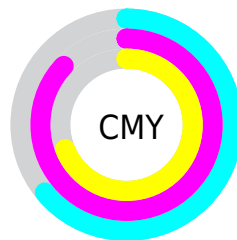
- Red (36%)
- Green (13%)
- Blue (31%)



- Red (36%)
- Yellow (13%)
- Blue (31%)



- Cyan (0%)
- Magenta (64%)
- Yellow (15%)
- Black (64%)



- Cyan (64%)
- Magenta (87%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C214E 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 5C214E by changing the saturation by 10% instead.



 5C214E

 5C214E

FFFFFF

 430737

 90517F

 2C0022

 AB6A99

 080008

 C784B4

 000000

 E49FD0

 FFBAEC

 FFD6FF

 FFF3FF

 5C214E

 5C214E

■ 5C184C

■ 5C2A50

■ 5C0F4A

■ 5C3352

■ 5C0547

■ 5C3D55

■ 5C0046

■ 5C4657

■ 5C4F59

■ 5C585B

■ 5C615D

■ 5C6B5F

■ 5C7462

# Harmonies

## Analogous

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



3F2E64



5C214E



671B33

# Triad

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



5C214E



403800



004357

# Complementary

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



5C214E



215C2F

# 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.



00443D



5C214E



233F06

# Square

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



5C214E



552E00



004321



004069

# Rectangle

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



5C214E



661F22



004321



00444F



# Sweetspot

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



5C214E



786172



2F215C



3D2F3A



BDBDBD



3D3D3D



# Same Dimension

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



5C214E



781C62



5C2131



2E292D



6E0054



ED00B5



# Inverse Universe

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



5C214E



781C62



215C4C



2E292D



6E0054

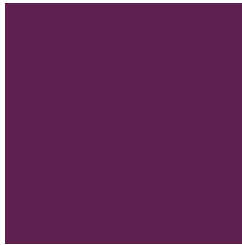


ED00B5



# Previews

## White Background



This preview shows how the Hex color 5C214E 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

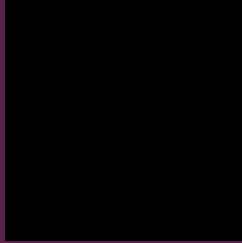
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5C214E Background



This preview shows how black text looks on a background with the Hex color 5C214E.



This preview shows how white text looks on a background with the Hex color 5C214E.

# 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





# Trichromacy



**Original Color**  
5C214E

**Protanomaly**  
3A2F59

**Deuteranomaly**  
43304B

**Tritanomaly**  
5A2739

# Monochromacy



**Original Color**  
5C214E

**Achromatopsia**  
383838

**Achromatomaly**  
453040

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C214E 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 #5C214E looks like.

```
.text, #text, p{  
    color:#5C214E  
}
```

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 #5C214E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C214E
}
```

## Border

The CSS property to change the border of an element to Hex 5C214E is called "border". The border property can be set on classes, ids or directly on the HTML element.

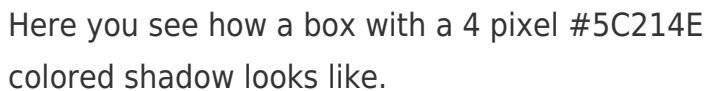
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5C214E }
```

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

```
.border{ border-color:#5C214E }
```

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



Here you see how a box with a 4 pixel #5C214E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C214E; -webkit-box-shadow:4px 4px  
4px 4px #5C214E; box-shadow:4px 4px 4px  
4px #5C214E }
```

# Background

The CSS property to change the background color of an element to Hex 5C214E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C214E }
```

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

```
.background{ background-color:#5C214E }
```

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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