

Converting Colors

Hex(5C213E)

Have a look what the booklet for
Hex(5C213E) contains.

Hex(5C213E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5C213E)

Conversions

Conversions Part 1

Format	Color
Hex	5C213E
RGB	92, 33, 62
RGB Percent	36%, 13%, 24%
CMY	0.6392, 0.8706, 0.7569
CMYK	0.00, 0.64, 0.33, 0.64
HSL	331°, 47%, 25%
HSV	331°, 64%, 36%
XYZ	5.8270, 3.7108, 4.9666
YIQ	53.9470, 25.8550, 21.5270

Conversions

Conversions Part 2

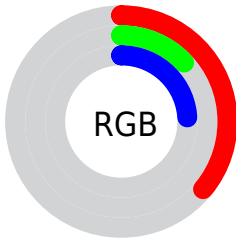
Format	Color
R_{YB}	92, 33, 62
Decimal	6037822
CIE _{Lab}	22.69, 30.38, -4.75
CIE _{LCh}	23, 30.750, 351.113
Yxy	3.7108, 0.4017, 0.2558
Android (android.graphics.Color)	4284227902 (0xFF5C213E)
YUV	53.9470, 3.9701, 33.3725
Hunter-Lab	19.2635, 20.2831, -1.8019

Details

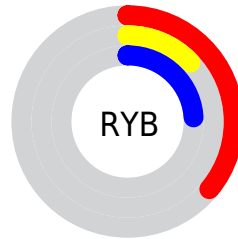
The Hex color **5C213E** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **215C3F**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **90516D**, and **2D0014** is the 20% darker color. If you saturate the color by 10%, you get **5C1839**, and if you desaturate by 10%, it is **5C2A43**.

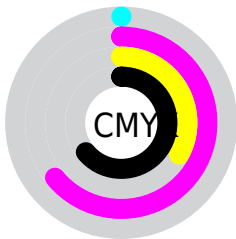
Distribution



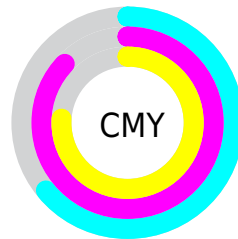
- Red (36%)
- Green (13%)
- Blue (24%)



- Red (36%)
- Yellow (13%)
- Blue (24%)



- Cyan (0%)
- Magenta (64%)
- Yellow (33%)
- Black (64%)



- Cyan (64%)
- Magenta (87%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C213E 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 5C213E by changing the saturation by 10% instead.

 5C213E

 5C213E

FFFFFF

 430828

 90516D

 2D0014

 AC6A87

 000000

 C884A1

 E49EBC

 FFB9D8

 FFD5F4

 FFF2FF

 5C213E

 5C213E

■ 5C1839

■ 5C2A43

■ 5C0F35

■ 5C3347

■ 5C0530

■ 5C3D4C

■ 5C002D

■ 5C4651

■ 5C4F55

■ 5C585A

■ 5C615F

■ 5C6B63

■ 5C7468

Harmonies

Analogous

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



4B2953



5C213E



5F2127

Triad

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



5C213E



323A06



003F59

Complementary

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



5C213E



215C3F

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.



004146



5C213E



153E18

Square

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



5C213E



483303



00412E



003B63

Rectangle

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



5C213E



5B2619



00412E



004054

Sweetspot

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



5C213E



78616C



3F215C



3D2F36



BDBDBD



3D3D3D

Same Dimension

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



5C213E



781C49



5C2121



2E292C



6E0036



ED0075

Inverse Universe

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



5C213E



781C49



215C5C



2E292C



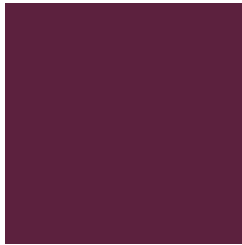
6E0036



ED0075

Previews

White Background



This preview shows how the Hex color 5C213E 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

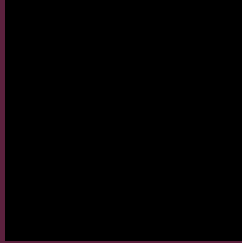
Any Text WCAG AA × Fail

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 5C213E Background



This preview shows how black text looks on a background with the Hex color 5C213E.



This preview shows how white text looks on a background with the Hex color 5C213E.

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
5C213E

Protanopia
31374D

Deuteranopia
3B363B



Tritanopia
5A2629

Trichromacy



Original Color
5C213E

Protanomaly
412F48

Deuteranomaly
472E3C

Tritanomaly
5B2431

Monochromacy



Original Color
5C213E

Achromatopsia
363636

Achromatomaly
442E39

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C213E 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 #5C213E looks like.

```
.text, #text, p{  
    color:#5C213E  
}
```

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 #5C213E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C213E
}
```

Border

The CSS property to change the border of an element to Hex 5C213E is called "border". The border property can be set on classes, ids or directly on the HTML element.

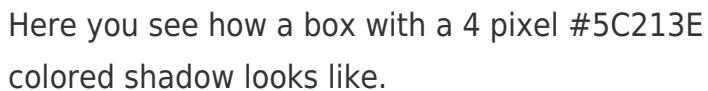
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5C213E }
```

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

```
.border{ border-color:#5C213E }
```

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



Here you see how a box with a 4 pixel #5C213E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C213E; -webkit-box-shadow:4px 4px  
4px 4px #5C213E; box-shadow:4px 4px 4px  
4px #5C213E }
```

Background

The CSS property to change the background color of an element to Hex 5C213E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C213E }
```

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

```
.background{ background-color:#5C213E }
```

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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