

Converting Colors

Hex(58213B)

Have a look what the booklet for
Hex(58213B) contains.

Hex(58213B)	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(58213B)

Conversions

Conversions Part 1

Format	Color
Hex	58213B
RGB	88, 33, 59
RGB Percent	35%, 13%, 23%
CMY	0.6549, 0.8706, 0.7686
CMYK	0.00, 0.62, 0.33, 0.65
HSL	332°, 45%, 24%
HSV	332°, 62%, 35%
XYZ	5.3578, 3.4782, 4.5266
YIQ	52.4090, 24.4340, 19.7460

Conversions

Conversions Part 2

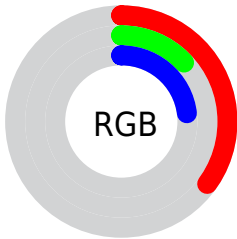
Format	Color
R_YB	88, 33, 59
Decimal	5775675
CIE Lab	21.87, 28.50, -4.00
CIE LCh	22, 28.780, 352.012
Yxy	3.4782, 0.4010, 0.2603
Android (android.graphics.Color)	4283965755 (0xFF58213B)
YUV	52.4090, 3.2494, 31.2133
Hunter-Lab	18.6499, 18.6425, -1.3358

Details

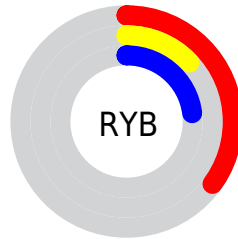
The Hex color **58213B** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **21583E**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **8C506A**, and **2A0011** is the 20% darker color. If you saturate the color by 10%, you get **581836**, and if you desaturate by 10%, it is **582A40**.

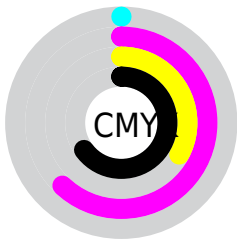
Distribution



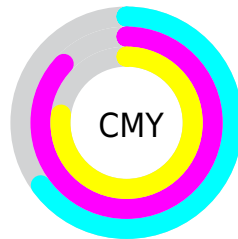
- Red (35%)
- Green (13%)
- Blue (23%)



- Red (35%)
- Yellow (13%)
- Blue (23%)



- Cyan (0%)
- Magenta (62%)
- Yellow (33%)
- Black (65%)



- Cyan (65%)
- Magenta (87%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 58213B 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 58213B by changing the saturation by 10% instead.

 58213B

 58213B

FFFFFF

 3F0925

 8C506A

 2A0011

 A76983

 000000

 C3839D

 DF9DB8

 FCB9D4

 FFD4F0

 FFF1FF

 58213B

 58213B

■ 581836

■ 582A40

■ 580F32

■ 583344

■ 58072D

■ 583B49

■ 58002A

■ 58444E

■ 584D52

■ 585657

■ 585F5B

■ 586760

■ 587065

Harmonies

Analogous

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



49284F



58213B



5B2226

Triad

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



58213B



303808



003D56

Complementary

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



58213B



21583E

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.



003F44



58213B



153C19

Square

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



58213B



443106



003E2E



00385F

Rectangle

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



58213B



572619



003E2E



003E50

Sweetspot

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



58213B



735D67



3D2158



3B2D34



BABABA



3B3B3B

Same Dimension

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



58213B



731D45



582221



2B2729



6B0033



EB006F

Inverse Universe

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



58213B



731D45



215758



2B2729



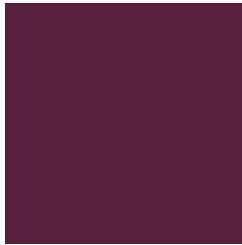
6B0033



EB006F

Previews

White Background



This preview shows how the Hex color 58213B looks on a white background.

Color Contrast Check

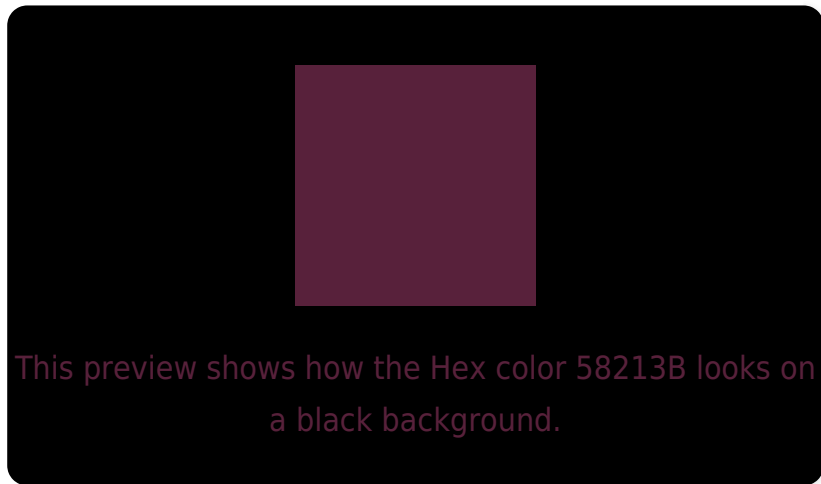
Large Text (above 18pt) WCAG AA ✓ Pass

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

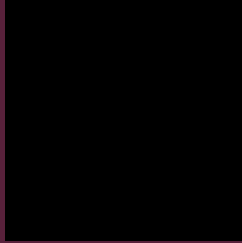
Any Text WCAG AA × Fail

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 58213B Background



This preview shows how black text looks on a background with the Hex color 58213B.



This preview shows how white text looks on a background with the Hex color 58213B.

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
58213B

Protanopia
303548

Deuteranopia
393438



Tritanopia
562528

Trichromacy



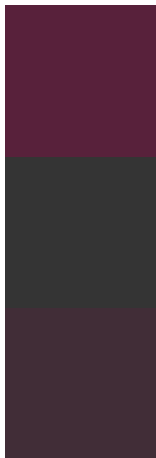
Original Color
58213B

Protanomaly
3F2E43

Deuteranomaly
442D39

Tritanomaly
57242F

Monochromacy



Original Color
58213B

Achromatopsia
343434

Achromatomaly
412D37

CSS Examples

Text

The CSS property to change the color of the text to Hex 58213B 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 #58213B looks like.

```
.text, #text, p{  
    color:#58213B  
}
```

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 #58213B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58213B
}
```

Border

The CSS property to change the border of an element to Hex 58213B 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".

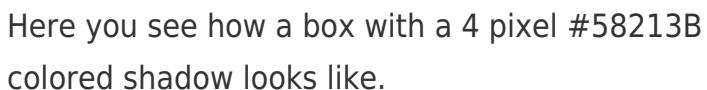
```
.border, #border, table{ border:4px solid
#58213B }
```

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

```
.border{ border-color:#58213B }
```

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

Here you see how a box with a 4 pixel #58213B 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. Below the box, there is a thick dark red shadow that is 4 pixels wide and 4 pixels high, extending to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58213B; -webkit-box-shadow:4px 4px  
4px 4px #58213B; box-shadow:4px 4px 4px  
4px #58213B }
```

Background

The CSS property to change the background color of an element to Hex 58213B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58213B }
```

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

```
.background{ background-color:#58213B }
```

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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