

# Converting Colors

Hex(58202C)

Have a look what the booklet for  
Hex(58202C) contains.

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# Color

Hex(58202C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	58202C
RGB	88, 32, 44
RGB Percent	35%, 13%, 17%
CMY	0.6549, 0.8745, 0.8275
CMYK	0.00, 0.64, 0.50, 0.65
HSL	347°, 47%, 24%
HSV	347°, 64%, 35%
XYZ	4.9956, 3.2896, 2.7545
YIQ	50.1120, 29.5240, 15.6040

# Conversions

## Conversions Part 2

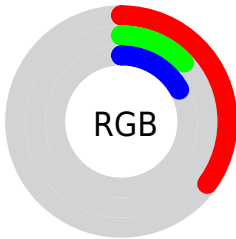
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	88, 32, 44
Decimal	5775404
CIE Lab	21.17, 27.08, 5.37
CIE LCh	21, 27.612, 11.217
Yxy	3.2896, 0.4525, 0.2980
Android (android.graphics.Color)	4283965484 (0xFF58202C)
YUV	50.1120, -3.0132, 33.2278
Hunter-Lab	18.1372, 17.4252, 3.6916

# Details

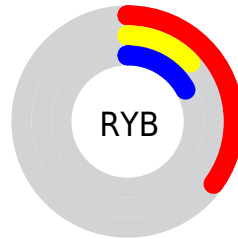
The Hex color **58202C** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **20584C**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **8D4F59**, and **2A0001** is the 20% darker color. If you saturate the color by 10%, you get **581725**, and if you desaturate by 10%, it is **582933**.

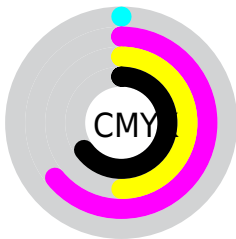
# Distribution



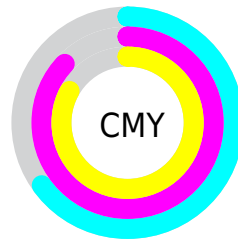
- Red (35%)
- Green (13%)
- Blue (17%)



- Red (35%)
- Yellow (13%)
- Blue (17%)



- Cyan (0%)
- Magenta (64%)
- Yellow (50%)
- Black (65%)



- Cyan (65%)
- Magenta (87%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 58202C 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 58202C by changing the saturation by 10% instead.



 58202C

 58202C

FFFFFF

 3F0818

 8D4F59

 2A0001

 A86872

 000000

 C4818B

 E19CA6

 FEB7C1

 FFD3DC

 FFEFF9

 58202C

 58202C

■ 581725

■ 582933

■ 580E1E

■ 58323A

■ 580617

■ 583A41

■ 580013

■ 584348

■ 584C4F

■ 585555

■ 585E5C

■ 586663

■ 586F6A

# Harmonies

## Analogous

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



512240



58202C



542519

# Triad

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



58202C



203912



003959

# Complementary

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



58202C



20584C

# 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.



003C4D



58202C



003C25

# Square

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



58202C



373406



003D3A



19335B

# Rectangle

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



58202C



4D2A0F



003D3A



003A56



# Sweetspot

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



58202C



735D62



4C2058



3B2D30



BABABA



3B3B3B



# Same Dimension

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



58202C



731C2E



583020



2B2728



6B0017



EB0032



# Inverse Universe

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



58202C



731C2E



204858



2B2728



6B0017

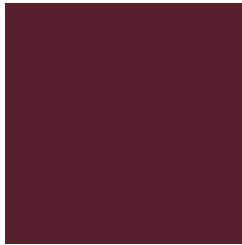


EB0032



# Previews

## White Background



This preview shows how the Hex color 58202C looks on a white background.

## Color Contrast Check

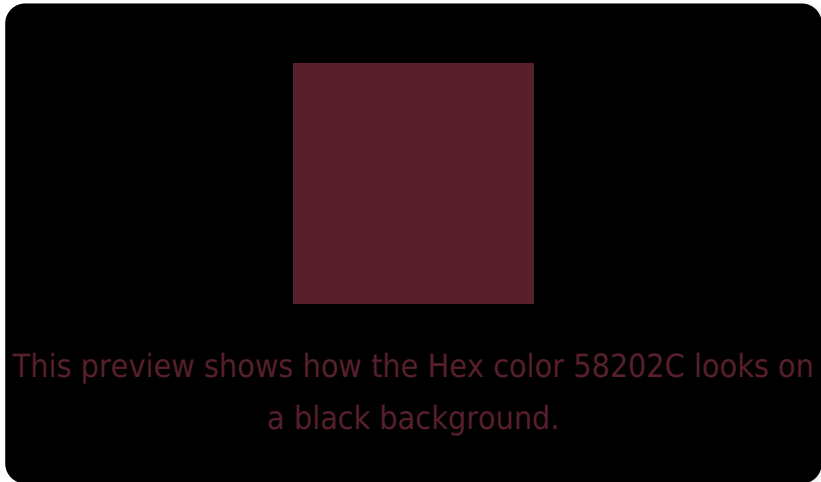
Large Text (above 18pt) WCAG AA ✓ Pass

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

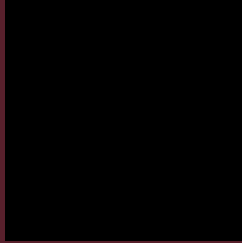
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 58202C Background



This preview shows how black text looks on a background with the Hex color 58202C.



This preview shows how white text looks on a background with the Hex color 58202C.

# 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**  
58202C

**Protanopia**  
343436

**Deuteranopia**  
3D3229



**Tritanopia**  
572224

# Trichromacy



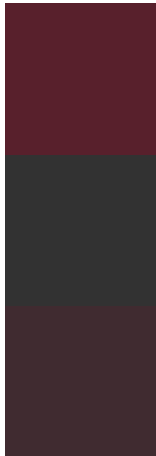
**Original Color**  
58202C

**Protanomaly**  
412D32

**Deuteranomaly**  
472B2A

**Tritanomaly**  
572127

# Monochromacy



**Original Color**  
58202C

**Achromatopsia**  
323232

**Achromatomaly**  
402B30

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 58202C 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 #58202C looks like.

```
.text, #text, p{  
    color:#58202C  
}
```

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 #58202C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58202C }  
}
```

## Border

The CSS property to change the border of an element to Hex 58202C 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".

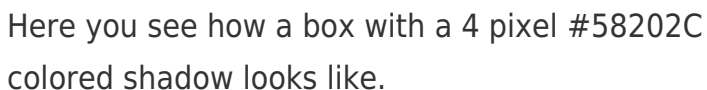
```
.border, #border, table{ border:4px solid #58202C }  
}
```

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

```
.border{ border-color:#58202C }
```

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

Here you see how a box with a 4 pixel #58202C colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #58202C colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58202C; -webkit-box-shadow:4px 4px  
4px 4px #58202C; box-shadow:4px 4px 4px  
4px #58202C }
```

# Background

The CSS property to change the background color of an element to Hex 58202C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58202C }
```

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

```
.background{ background-color:#58202C }
```

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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