

# Converting Colors

Hex(59303C)

Have a look what the booklet for  
Hex(59303C) contains.

<b>Hex(59303C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(59303C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	59303C
RGB	89, 48, 60
RGB Percent	35%, 19%, 24%
CMY	0.6510, 0.8118, 0.7647
CMYK	0.00, 0.46, 0.33, 0.65
HSL	342°, 30%, 27%
HSV	342°, 46%, 35%
XYZ	5.9924, 4.5640, 4.8401
YIQ	61.6270, 20.5840, 12.4240

# Conversions

## Conversions Part 2

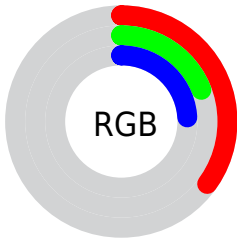
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	89, 48, 60
Decimal	5845052
CIE <sub>Lab</sub>	25.45, 20.32, 0.63
CIE <sub>LCh</sub>	25, 20.328, 1.764
Yxy	4.5640, 0.3892, 0.2964
Android (android.graphics.Color)	4284035132 (0xFF59303C)
YUV	61.6270, -0.8021, 24.0061
Hunter-Lab	21.3635, 12.6825, 1.5218

# Details

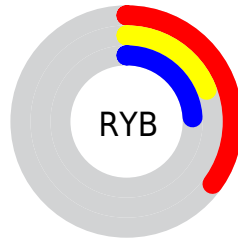
The Hex color **59303C** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **30594D**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **8C5F6B**, and **2A0312** is the 20% darker color. If you saturate the color by 10%, you get **592736**, and if you desaturate by 10%, it is **593942**.

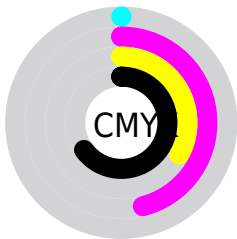
# Distribution



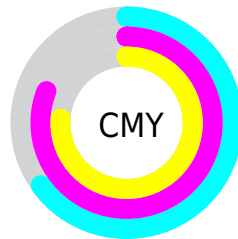
- Red (35%)
- Green (19%)
- Blue (24%)



- Red (35%)
- Yellow (19%)
- Blue (24%)



- Cyan (0%)
- Magenta (46%)
- Yellow (33%)
- Black (65%)



- Cyan (65%)
- Magenta (81%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 59303C 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 59303C by changing the saturation by 10% instead.



 59303C

 59303C

FFFFFF

 411A26

 8C5F6B

 2A0312

 A77884

 020000

 C3929E

 000000

 DFADB9

 FCC8D5

 FFE4F1

 59303C

 59303C

 592736

 593942

■ 591E2F

■ 594249

■ 591529

■ 594B4F

■ 590C23

■ 595455

■ 59031D

■ 595D5B

■ 59001A

■ 596562

■ 596E68

■ 59776E

■ 598075

# Harmonies

## Analogous

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



50334B



59303C



59322D

# Triad

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



59303C



354021



024257

# Complementary

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



59303C



30594D

# 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.



00444C



59303C



22432D

# Square

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



59303C



453C1D



07443D



263E5B

# Rectangle

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



59303C



553525



07443D



004354



# Sweetspot

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



59303C



736367



4D3059



3B3134



BABABA



3B3B3B



# Same Dimension

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



59303C



733446



593830



2B2728



6B001F



EB0045



# Inverse Universe

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



59303C



733446



305159



2B2728



6B001F

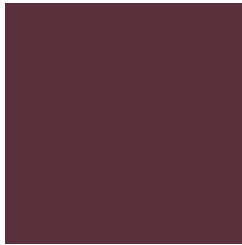


EB0045



# Previews

## White Background



This preview shows how the Hex color 59303C looks on a white background.

## Color Contrast Check

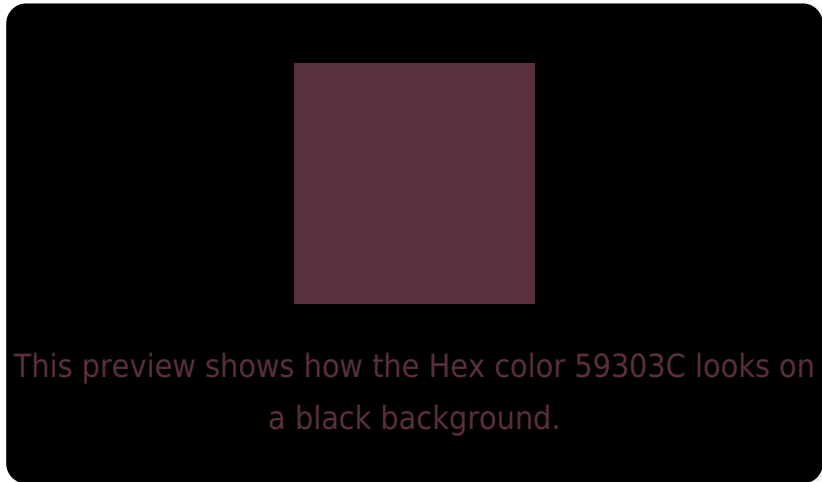
Large Text (above 18pt) WCAG AA ✓ Pass

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

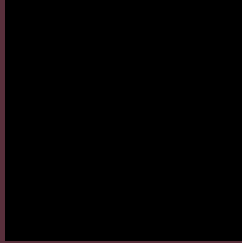
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 59303C Background



This preview shows how black text looks on a background with the Hex color 59303C.



This preview shows how white text looks on a background with the Hex color 59303C.

# 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**  
59303C

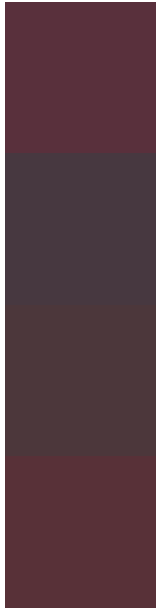
**Protanopia**  
3C3C43

**Deuteranopia**  
443B3A



**Tritanopia**  
583135

# Trichromacy



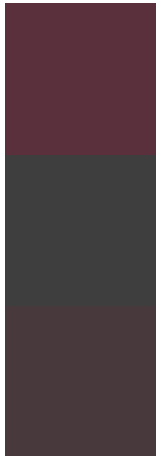
**Original Color**  
59303C

**Protanomaly**  
473840

**Deuteranomaly**  
4C373B

**Tritanomaly**  
583138

# Monochromacy



**Original Color**  
59303C

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
48393D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 59303C 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 #59303C looks like.

```
.text, #text, p{  
    color:#59303C  
}
```

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 #59303C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59303C  
}
```

## Border

The CSS property to change the border of an element to Hex 59303C 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  
#59303C }
```

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

```
.border{ border-color:#59303C }
```

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

Here you see how a box with a 4 pixel #59303C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59303C; -webkit-box-shadow:4px 4px  
4px 4px #59303C; box-shadow:4px 4px 4px  
4px #59303C }
```

# Background

The CSS property to change the background color of an element to Hex 59303C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59303C }
```

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

```
.background{ background-color:#59303C }
```

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