

# Converting Colors

Hex(643C59)

Have a look what the booklet for  
Hex(643C59) contains.

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# Color

Hex(643C59)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	643C59
RGB	100, 60, 89
RGB Percent	39%, 24%, 35%
CMY	0.6078, 0.7647, 0.6510
CMYK	0.00, 0.40, 0.11, 0.61
HSL	316°, 25%, 31%
HSV	316°, 40%, 39%
XYZ	8.6746, 6.6623, 10.2799
YIQ	75.2660, 14.5310, 17.4990

# Conversions

## Conversions Part 2

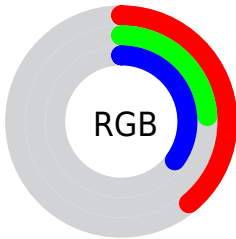
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	100, 60, 89
Decimal	6569049
CIE <sub>Lab</sub>	31.03, 22.42, -9.99
CIE <sub>LCh</sub>	31, 24.546, 335.980
Yxy	6.6623, 0.3386, 0.2601
Android (android.graphics.Color)	4284759129 (0xFF643C59)
YUV	75.2660, 6.7709, 21.6917
Hunter-Lab	25.8115, 14.8192, -5.5455

# Details

The Hex color **643C59** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3C6447**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **986C8B**, and **34102B** is the 20% darker color. If you saturate the color by 10%, you get **643256**, and if you desaturate by 10%, it is **64465C**.

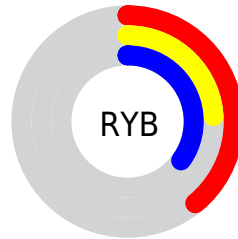
# Distribution



Red (39%)

Green (24%)

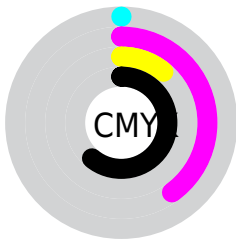
Blue (35%)



Red (39%)

Yellow (24%)

Blue (35%)

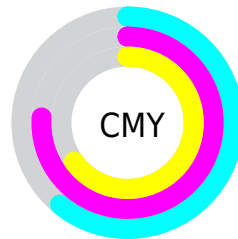


Cyan (0%)

Magenta (40%)

Yellow (11%)

Black (61%)



Cyan (61%)

Magenta (76%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 643C59 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 643C59 by changing the saturation by 10% instead.





643C59



643C59

FFFFFF



4B2542



986C8B



34102B



B386A5



210017



CFA0C0



000000



EBBDC



FFD7F9



FFF4FF



643C59



643C59



643256



64465C

642853

64505F

641E51

645A61

64144E

646464

640A4B

646E67

640048

64786A

64826C

648C6F

649672

# Harmonies

## Analogous

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



504368



643C59



6D3946

# Triad

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



643C59



514922



00525F

# Complementary

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



643C59



3C6447

# 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.



00534C



643C59



3D4E29

# Square

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



643C59



624226



245239



004F6C

# Rectangle

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



643C59



6D3B39



245239



005359



# Sweetspot

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



643C59



82727E



473C64



423940



C2C2C2



424242



# Same Dimension

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



643C59



824471



643C45



332E32



730053



F200B0



# Inverse Universe

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



643C59



824471



3C645B



332E32



730053

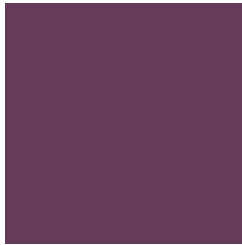


F200B0



# Previews

## White Background



This preview shows how the Hex color 643C59 looks on a white background.

## Color Contrast Check

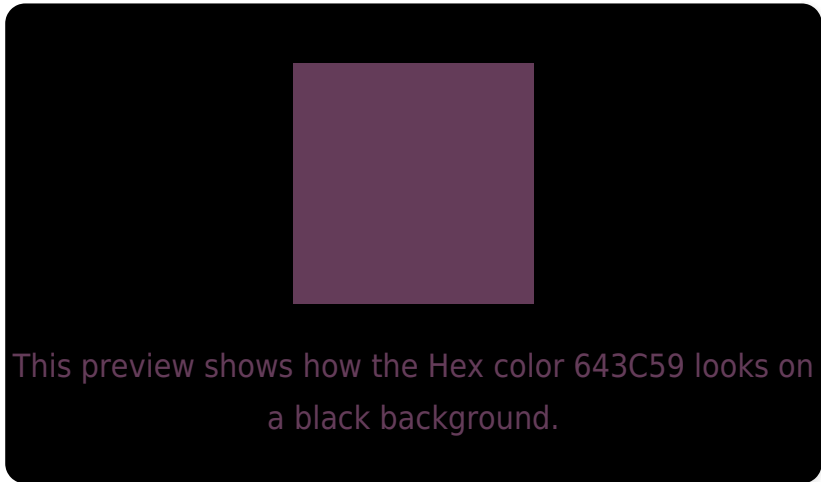
Large Text (above 18pt) WCAG AA ✓ Pass

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

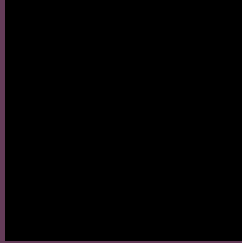
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 643C59 Background



This preview shows how black text looks on a background with the Hex color 643C59.



This preview shows how white text looks on a background with the Hex color 643C59.

# 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**  
643C59

**Protanopia**  
424962

**Deuteranopia**  
4A4857



**Tritanopia**  
624045

# Trichromacy



**Original Color**  
643C59

**Protanomaly**  
4E445F

**Deuteranomaly**  
534458

**Tritanomaly**  
633F4C

# Monochromacy



**Original Color**  
643C59

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
544650

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 643C59 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 #643C59 looks like.

```
.text, #text, p{  
    color:#643C59  
}
```

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 #643C59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #643C59
}
```

## Border

The CSS property to change the border of an element to Hex 643C59 is called "border". The border property can be set on classes, ids or directly on the HTML element.

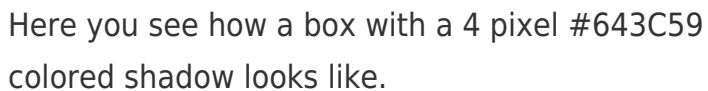
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#643C59 }
```

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

```
.border{ border-color:#643C59 }
```

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



Here you see how a box with a 4 pixel #643C59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #643C59; -webkit-box-shadow:4px 4px  
4px 4px #643C59; box-shadow:4px 4px 4px  
4px #643C59 }
```

# Background

The CSS property to change the background color of an element to Hex 643C59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#643C59 }
```

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

```
.background{ background-color:#643C59 }
```

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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