

# Converting Colors

Hex(643B4C)

Have a look what the booklet for  
Hex(643B4C) contains.

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**Color**

**Hex(643B4C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	643B4C
RGB	100, 59, 76
RGB Percent	39%, 23%, 30%
CMY	0.6078, 0.7686, 0.7020
CMYK	0.00, 0.41, 0.24, 0.61
HSL	335°, 26%, 31%
HSV	335°, 41%, 39%
XYZ	8.1240, 6.3591, 7.6367
YIQ	73.1970, 18.9790, 13.9790

# Conversions

## Conversions Part 2

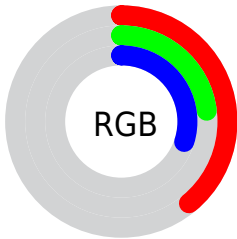
Format	Color
R <sub>Y</sub> B	100, 59, 76
Decimal	6568780
CIE Lab	30.30, 20.68, -2.65
CIE LCh	30, 20.846, 352.695
Yxy	6.3591, 0.3673, 0.2875
Android (android.graphics.Color)	4284758860 (0xFF643B4C)
YUV	73.1970, 1.3819, 23.5062
Hunter-Lab	25.2172, 13.3758, -0.3032

# Details

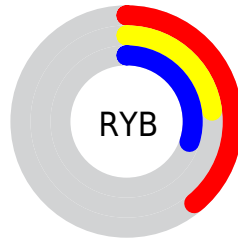
The Hex color **643B4C** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3B6453**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **986B7D**, and **340F20** is the 20% darker color. If you saturate the color by 10%, you get **643146**, and if you desaturate by 10%, it is **644552**.

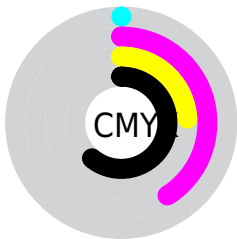
# Distribution



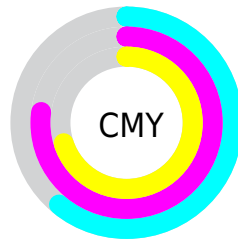
- Red (39%)
- Green (23%)
- Blue (30%)



- Red (39%)
- Yellow (23%)
- Blue (30%)



- Cyan (0%)
- Magenta (41%)
- Yellow (24%)
- Black (61%)



- Cyan (61%)
- Magenta (77%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 643B4C 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 643B4C by changing the saturation by 10% instead.



 643B4C

 643B4C

FFFFFF

 4B2535

 986B7D

 340F20

 B38597

 220008

 CF9FB1

 000000

 EBBACD

 FFD6E9

 FFF2FF

 643B4C

 643B4C

 643146

 644552

642740

644F58

641D3A

64595E

641335

646363

64092F

646D69

640029

64776F

648175

648B7B

649581

# Harmonies

## Analogous

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



583F5B



643B4C



673B3C

# Triad

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



643B4C



454A29



084E61

# Complementary

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



643B4C



3B6453

# 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.



025053



643B4C



334E33

# Square

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



643B4C



564527



1D5043



284A67

# Rectangle

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



643B4C



643E32



1D5043



004F5D



# Sweetspot

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



643B4C



827279



533B64



42393D



C2C2C2



424242



# Same Dimension

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



643B4C



82425D



643E3B



332E30



730030



F20064



# Inverse Universe

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



643B4C



82425D



3B6164



332E30



730030

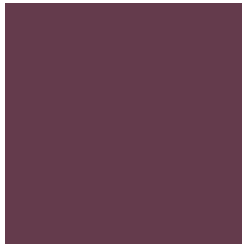


F20064



# Previews

## White Background



This preview shows how the Hex color 643B4C looks on a white background.

## Color Contrast Check

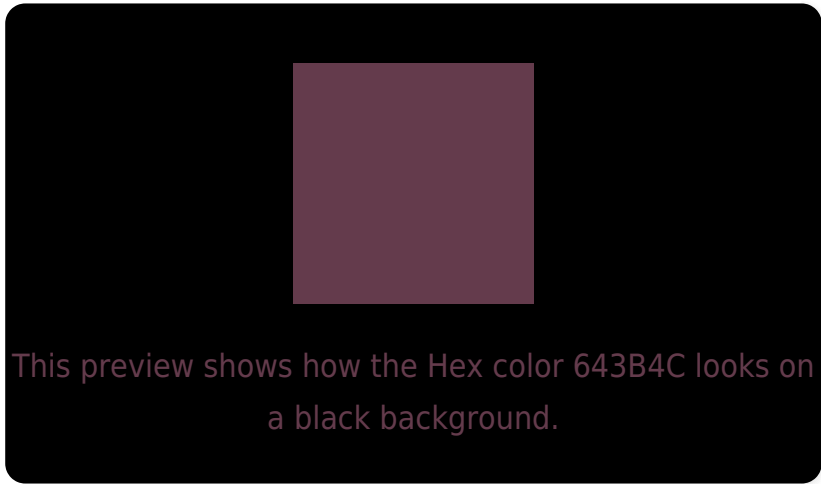
Large Text (above 18pt) WCAG AA ✓ Pass

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

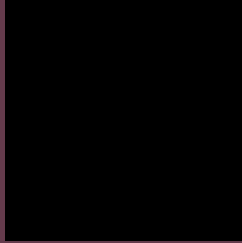
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 643B4C Background



This preview shows how black text looks on a background with the Hex color 643B4C.



This preview shows how white text looks on a background with the Hex color 643B4C.

# 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**  
643B4C

**Protanopia**  
454754

**Deuteranopia**  
4E464A



**Tritanopia**  
633D41

# Trichromacy



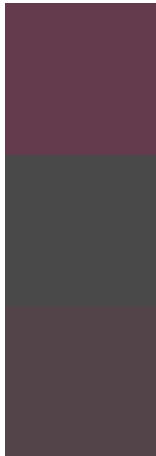
**Original Color**  
643B4C

**Protanomaly**  
504351

**Deuteranomaly**  
56424B

**Tritanomaly**  
633C45

# Monochromacy



**Original Color**  
643B4C

**Achromatopsia**  
494949

**Achromatomaly**  
53444A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 643B4C 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 #643B4C looks like.

```
.text, #text, p{  
    color:#643B4C  
}
```

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 #643B4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #643B4C
}
```

## Border

The CSS property to change the border of an element to Hex 643B4C is called "border". The border property can be set on classes, ids or directly on the HTML element.

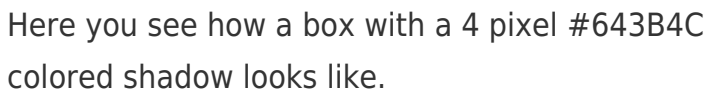
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#643B4C }
```

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

```
.border{ border-color:#643B4C }
```

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



Here you see how a box with a 4 pixel #643B4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #643B4C; -webkit-box-shadow:4px 4px  
4px 4px #643B4C; box-shadow:4px 4px 4px  
4px #643B4C }
```

# Background

The CSS property to change the background color of an element to Hex 643B4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#643B4C }
```

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

```
.background{ background-color:#643B4C }
```

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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