

# Converting Colors

Hex(643C10)

Have a look what the booklet for  
Hex(643C10) contains.

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**Color**

**Hex(643C10)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	643C10
RGB	100, 60, 16
RGB Percent	39%, 24%, 6%
CMY	0.6078, 0.7647, 0.9373
CMYK	0.00, 0.40, 0.84, 0.61
HSL	31°, 72%, 23%
HSV	31°, 84%, 39%
XYZ	6.9649, 5.9785, 1.2771
YIQ	66.9440, 37.9640, -5.2040

# Conversions

## Conversions Part 2

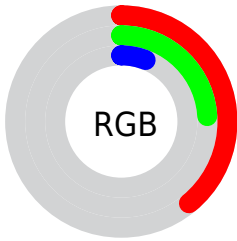
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	92, 100, 16
Decimal	6568976
CIE <sub>Lab</sub>	29.36, 13.72, 32.76
CIE <sub>LCh</sub>	29, 35.521, 67.272
Yxy	5.9785, 0.4898, 0.4204
Android (android.graphics.Color)	4284759056 (0xFF643C10)
YUV	66.9440, -25.1154, 28.9901
Hunter-Lab	24.4509, 8.0573, 14.0189

# Details

The Hex color **643C10** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **103864**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **9B6B3E**, and **301200** is the 20% darker color. If you saturate the color by 10%, you get **643706**, and if you desaturate by 10%, it is **64411A**.

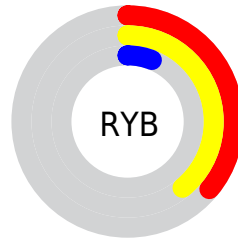
# Distribution



Red (39%)

Green (24%)

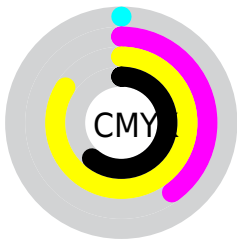
Blue (6%)



Red (36%)

Yellow (39%)

Blue (6%)

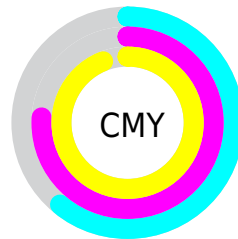


Cyan (0%)

Magenta (40%)

Yellow (84%)

Black (61%)



Cyan (61%)

Magenta (76%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 643C10 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 643C10 by changing the saturation by 10% instead.



 643C10

 643C10

 FFFFF7

 4A2600

 9B6B3E

 301200

 B78556

 170000

 D49F6F

 000000

 F1BA88

 FFD6A3

 FFF2BE

 FFFFDA

 643C10

 643C10

■ 643706

■ 64411A

■ 643400

■ 644624

■ 644A2E

■ 644F38

■ 645442

■ 64594C

■ 645D56

■ 646260

■ 64676A

# Harmonies

## Analogous

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



733125



643C10



4D4607

# Triad

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



643C10



00524B



4F3B71

# Complementary

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



643C10



103864

# 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.



12467C



643C10



005166

# Square

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



643C10



00512F



004E78



6B2F5B

# Rectangle

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



643C10



3B4B0F



004E78



413F76



# Sweetspot

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



643C10



827362



641039



42392E



C2C2C2



424242



# Same Dimension

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



643C10



824400



636410



33312E



733C00



F27F00



# Inverse Universe

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



103864



003E82



111064



2E3033



003773

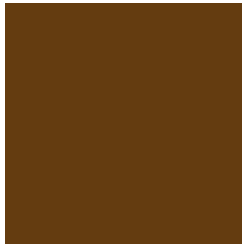


0073F2



# Previews

## White Background



This preview shows how the Hex color 643C10 looks on a white background.

## Color Contrast Check

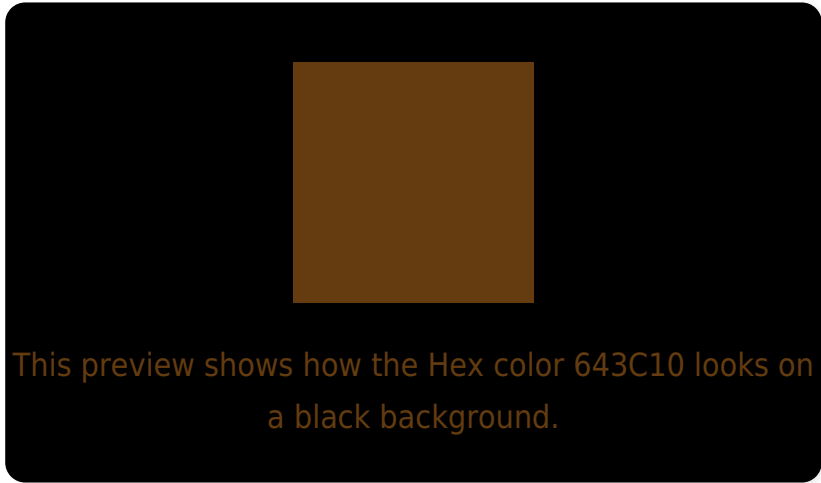
Large Text (above 18pt) WCAG AA ✓ Pass

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 643C10 Background



This preview shows how black text looks on a background with the Hex color 643C10.



This preview shows how white text looks on a background with the Hex color 643C10.

# 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**  
643C10

**Protanopia**  
4E4613

**Deuteranopia**  
58420D



**Tritanopia**  
66383C

# Trichromacy



**Original Color**  
643C10

**Protanomaly**  
564212

**Deuteranomaly**  
5C400E

**Tritanomaly**  
65392C

# Monochromacy



**Original Color**  
643C10

**Achromatopsia**  
434343

**Achromatomaly**  
4F4030

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 643C10 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 #643C10 looks like.

```
.text, #text, p{  
    color:#643C10  
}
```

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 #643C10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #643C10
}
```

## Border

The CSS property to change the border of an element to Hex 643C10 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
#643C10 }
```

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

```
.border{ border-color:#643C10 }
```

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

Here you see how a box with a 4 pixel #643C10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #643C10; -webkit-box-shadow:4px 4px  
4px 4px #643C10; box-shadow:4px 4px 4px  
4px #643C10 }
```

# Background

The CSS property to change the background color of an element to Hex 643C10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#643C10 }
```

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

```
.background{ background-color:#643C10 }
```

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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