

Converting Colors

Hex(643C13)

Have a look what the booklet for
Hex(643C13) contains.

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Color

Hex(643C13)

Conversions

Conversions Part 1

Format	Color
Hex	643C13
RGB	100, 60, 19
RGB Percent	39%, 24%, 7%
CMY	0.6078, 0.7647, 0.9255
CMYK	0.00, 0.40, 0.81, 0.61
HSL	30°, 68%, 23%
HSV	30°, 81%, 39%
XYZ	6.9889, 5.9881, 1.4035
YIQ	67.2860, 37.0010, -4.2710

Conversions

Conversions Part 2

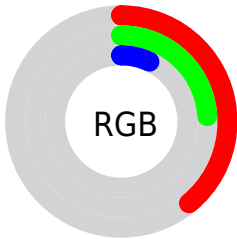
Format	Color
RYB	98, 100, 19
Decimal	6568979
CIELab	29.38, 13.86, 31.35
CIElCh	29, 34.278, 66.151
Yxy	5.9881, 0.4860, 0.4164
Android (android.graphics.Color)	4284759059 (0xFF643C13)
YUV	67.2860, -23.8050, 28.6902
Hunter-Lab	24.4705, 8.1573, 13.7287

Details

The Hex color **643C13** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **133B64**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **9A6B40**, and **301200** is the 20% darker color. If you saturate the color by 10%, you get **643709**, and if you desaturate by 10%, it is **64411D**.

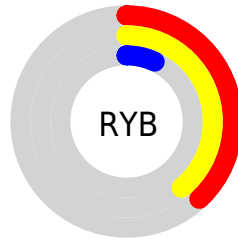
Distribution



Red (39%)

Green (24%)

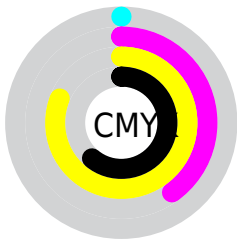
Blue (7%)



Red (38%)

Yellow (39%)

Blue (7%)

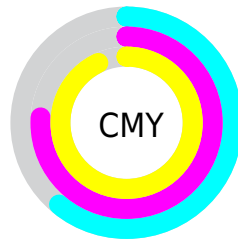


Cyan (0%)

Magenta (40%)

Yellow (81%)

Black (61%)



Cyan (61%)

Magenta (76%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 643C13 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 643C13 by changing the saturation by 10% instead.

 643C13

 643C13

 FFFFFA

 4A2600

 9A6B40

 301200

 B78558

 180001

 D39F71

 000000

 F1BA8B

 FFD6A6

 FFF2C1

 FFFFDD

 643C13

 643C13

■ 643709

■ 64411D

■ 643300

■ 644627

■ 644B31

■ 64503B

■ 645545

■ 645A4F

■ 645F59

■ 646463

■ 64686D

Harmonies

Analogous

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



723227



643C13



4E460A

Triad

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



643C13



00524A



4D3C70

Complementary

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



643C13



133B64

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.



14467A



643C13



005164

Square

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



643C13



00502F



004E76



6A315B

Rectangle

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



643C13



3C4B11



004E76



404075

Sweetspot

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



643C13



827363



64133C



42392F



C2C2C2



424242

Same Dimension

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



643C13



824404



646413



33302E



733A00



F27B00

Inverse Universe

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



133B64



044282



131364



2E3033



003973



0078F2

Previews

White Background



This preview shows how the Hex color 643C13 looks on a white background.

Color Contrast Check

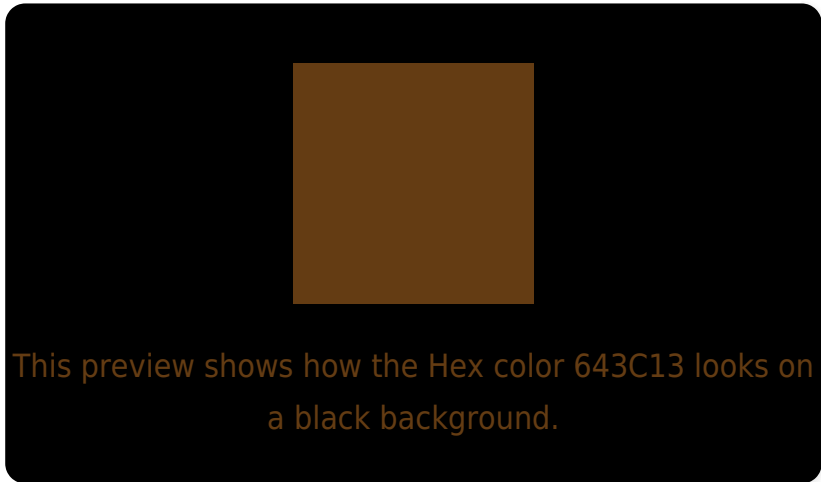
Large Text (above 18pt) WCAG AA ✓ Pass

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

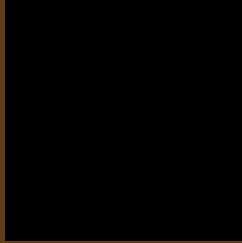
Any Text WCAG AA × Fail

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 643C13 Background



This preview shows how black text looks on a background with the Hex color 643C13.



This preview shows how white text looks on a background with the Hex color 643C13.

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
643C13

Protanopia
4E4616

Deuteranopia
584210



Tritanopia
66383C

Trichromacy



Original Color
643C13

Protanomaly
564215

Deuteranomaly
5C4011

Tritanomaly
65392D

Monochromacy



Original Color
643C13

Achromatopsia
434343

Achromatomaly
4F4032

CSS Examples

Text

The CSS property to change the color of the text to Hex 643C13 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 #643C13 looks like.

```
.text, #text, p{  
    color:#643C13  
}
```

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 #643C13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #643C13
}
```

Border

The CSS property to change the border of an element to Hex 643C13 is called "border". The border property can be set on classes, ids or directly on the HTML element.

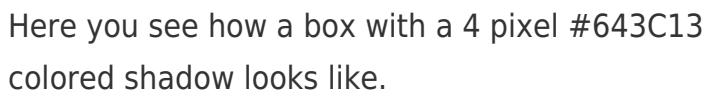
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#643C13 }
```

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

```
.border{ border-color:#643C13 }
```

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



Here you see how a box with a 4 pixel #643C13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #643C13; -webkit-box-shadow:4px 4px  
4px 4px #643C13; box-shadow:4px 4px 4px  
4px #643C13 }
```

Background

The CSS property to change the background color of an element to Hex 643C13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#643C13 }
```

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

```
.background{ background-color:#643C13 }
```

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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