

Converting Colors

Hex(653C00)

Have a look what the booklet for
Hex(653C00) contains.

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Color

Hex(653C00)

Conversions

Conversions Part 1

Format	Color
Hex	653C00
RGB	101, 60, 0
RGB Percent	40%, 24%, 0%
CMY	0.6039, 0.7647, 1.0000
CMYK	0.00, 0.41, 1.00, 0.60
HSL	36°, 100%, 20%
HSV	36°, 100%, 40%
XYZ	6.9827, 5.9984, 0.7898
YIQ	65.4190, 43.6960, -9.9680

Conversions

Conversions Part 2

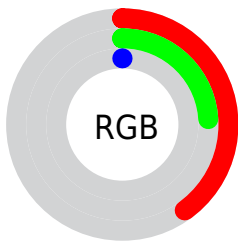
Format	Color
R_{YB}	69, 101, 0
Decimal	6634496
CIE _{Lab}	29.41, 13.68, 39.41
CIE _{LCh}	29, 41.716, 70.851
Yxy	5.9984, 0.5071, 0.4356
Android (android.graphics.Color)	4284824576 (0xFF653C00)
YUV	65.4190, -32.2516, 31.2045
Hunter-Lab	24.4917, 8.0307, 15.2322

Details

The Hex color **653C00** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **002965**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **9C6B31**, and **301200** is the 20% darker color. If you saturate the color by 10%, you get **653C00**, and if you desaturate by 10%, it is **65400A**.

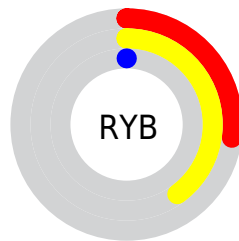
Distribution



Red (40%)

Green (24%)

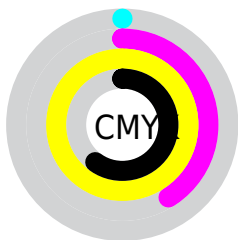
Blue (0%)



Red (27%)

Yellow (40%)

Blue (0%)

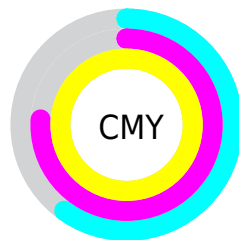


Cyan (0%)

Magenta (41%)

Yellow (100%)

Black (60%)



Cyan (60%)

Magenta (76%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 653C00 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 653C00 by changing the saturation by 10% instead.

 653C00

 653C00

 FFFFE9

 4B2600

 9C6B31

 301200

 B98549

 170000

 D69F62

 000000

 F4BA7C

 FFD596

 FFF2B1

 FFFFCD

 653C00

■ 65400A

■ 654414

■ 65481E

■ 654C28

■ 655133

■ 65553D

■ 655947

■ 655D51

■ 65615B

Harmonies

Analogous

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



782D1C



653C00



4A4800

Triad

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



653C00



005451



553777

Complementary

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



653C00



002965

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.



024585



653C00



00536F

Square

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



653C00



00532F



004F82



74285B

Rectangle

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



653C00



334D03



004F82



453C7D

Sweetspot

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



653C00



82725B



65002A



42392A



C2C2C2



424242

Same Dimension

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



653C00



824D00



5D6500



33312E



734400



F29000

Inverse Universe

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



002965



003582



080065



2E3033



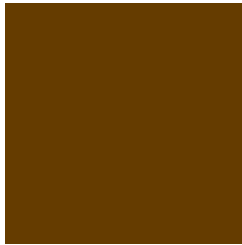
002F73



0062F2

Previews

White Background



This preview shows how the Hex color 653C00 looks on a white background.

Color Contrast Check

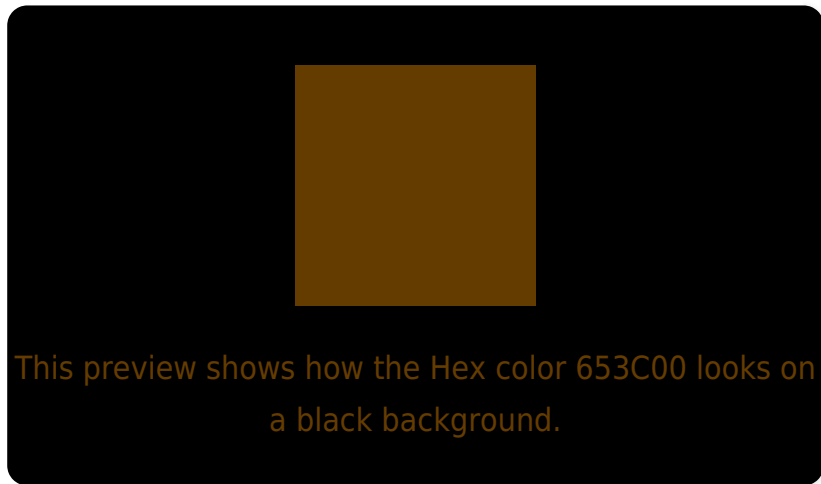
Large Text (above 18pt) WCAG AA ✓ Pass

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

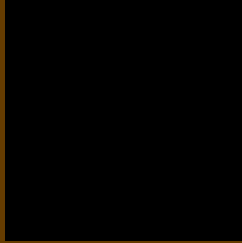
Any Text WCAG AA × Fail

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 653C00 Background



This preview shows how black text looks on a background with the Hex color 653C00.



This preview shows how white text looks on a background with the Hex color 653C00.

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
653C00

Protanopia
4F4608

Deuteranopia
584200



Tritanopia
67383C

Trichromacy



Original Color
653C00

Protanomaly
574205

Deuteranomaly
5D4000

Tritanomaly
663926

Monochromacy



Original Color
653C00

Achromatopsia
414141

Achromatomaly
4E3F29

CSS Examples

Text

The CSS property to change the color of the text to Hex 653C00 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 #653C00 looks like.

```
.text, #text, p{  
    color:#653C00  
}
```

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 #653C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #653C00
}
```

Border

The CSS property to change the border of an element to Hex 653C00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

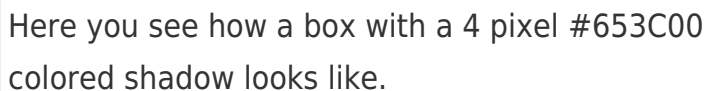
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#653C00 }
```

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

```
.border{ border-color:#653C00 }
```

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



Here you see how a box with a 4 pixel #653C00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #653C00; -webkit-box-shadow:4px 4px  
4px 4px #653C00; box-shadow:4px 4px 4px  
4px #653C00 }
```

Background

The CSS property to change the background color of an element to Hex 653C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#653C00 }
```

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

```
.background{ background-color:#653C00 }
```

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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