

# Converting Colors

Hex(623C00)

Have a look what the booklet for  
Hex(623C00) contains.

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**Color**

**Hex(623C00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	623C00
RGB	98, 60, 0
RGB Percent	38%, 24%, 0%
CMY	0.6157, 0.7647, 1.0000
CMYK	0.00, 0.39, 1.00, 0.62
HSL	37°, 100%, 19%
HSV	37°, 100%, 38%
XYZ	6.6529, 5.8284, 0.7743
YIQ	64.5220, 41.9080, -10.6040

# Conversions

## Conversions Part 2

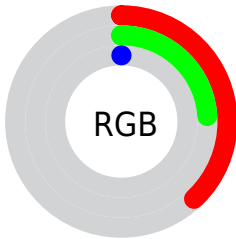
<b>Format</b>	<b>Color</b>
<b>RYB</b>	62, 98, 0
Decimal	6437888
CIELab	28.98, 12.20, 38.88
CIELCh	29, 40.751, 72.579
Yxy	5.8284, 0.5019, 0.4397
Android (android.graphics.Color)	4284627968 (0xFF623C00)
YUV	64.5220, -31.8093, 29.3602
Hunter-Lab	24.1421, 6.9409, 14.9977

# Details

The Hex color **623C00** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **002662**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **996B31**, and **2E1200** is the 20% darker color. If you saturate the color by 10%, you get **623C00**, and if you desaturate by 10%, it is **62400A**.

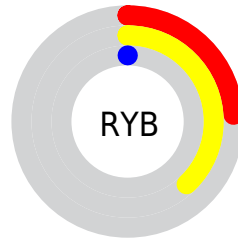
# Distribution



Red (38%)

Green (24%)

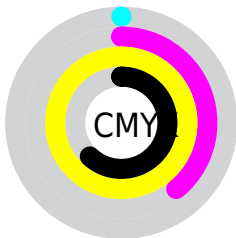
Blue (0%)



Red (24%)

Yellow (38%)

Blue (0%)

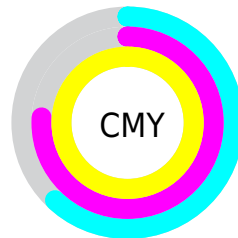


Cyan (0%)

Magenta (39%)

Yellow (100%)

Black (62%)



Cyan (62%)

Magenta (76%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 623C00 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 623C00 by changing the saturation by 10% instead.



 623C00

 623C00

 FFFFE9

 482600

 996B31

 2E1200

 B58549

 120000

 D29F62

 000000

 F0BA7C

 FFD596

 FFF2B1

 FFFFCD

 623C00

■ 62400A

■ 624414

■ 62471D

■ 624B27

■ 624F31

■ 62533B

■ 625745

■ 625A4E

■ 625E58

# Harmonies

## Analogous

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



752E1B



623C00



474700

# Triad

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



623C00



005351



563673

# Complementary

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



623C00



002662

# 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.



124482



623C00



00526E

# Square

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



623C00



005230



004D80



732758

# Rectangle

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



623C00



314C06



004D80



473B7A



# Sweetspot

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



623C00



807159



620027



403729



BFBFBF



404040



# Same Dimension

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



623C00



804E00



586200



302F2C



704500



F09300



# Inverse Universe

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



002662



003180



0A0062



2C2D30



002C70

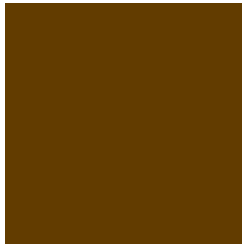


005DF0



# Previews

## White Background



This preview shows how the Hex color 623C00 looks on a white background.

## Color Contrast Check

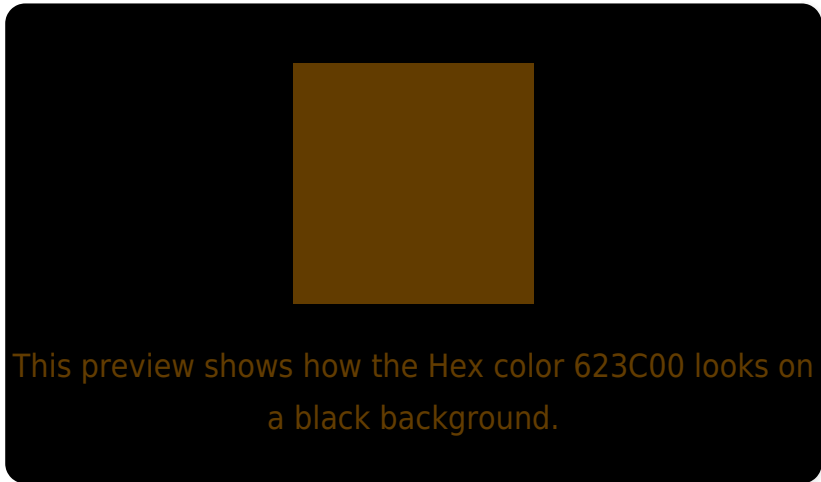
Large Text (above 18pt) WCAG AA ✓ Pass

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 623C00 Background



This preview shows how black text looks on a background with the Hex color 623C00.



This preview shows how white text looks on a background with the Hex color 623C00.

# 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**  
623C00

**Protanopia**  
4E4507

**Deuteranopia**  
574100



**Tritanopia**  
64383C

# Trichromacy



**Original Color**  
623C00

**Protanomaly**  
554204

**Deuteranomaly**  
5B3F00

**Tritanomaly**  
633926

# Monochromacy



**Original Color**  
623C00

**Achromatopsia**  
414141

**Achromatomaly**  
4D3F29

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 623C00 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 #623C00 looks like.

```
.text, #text, p{  
    color:#623C00  
}
```

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 #623C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #623C00
}
```

## Border

The CSS property to change the border of an element to Hex 623C00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

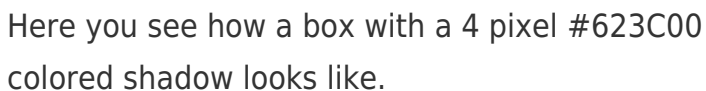
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#623C00 }
```

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

```
.border{ border-color:#623C00 }
```

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



Here you see how a box with a 4 pixel #623C00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #623C00; -webkit-box-shadow:4px 4px  
4px 4px #623C00; box-shadow:4px 4px 4px  
4px #623C00 }
```

# Background

The CSS property to change the background color of an element to Hex 623C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#623C00 }
```

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

```
.background{ background-color:#623C00 }
```

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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