

# Converting Colors

Hex(623014)

Have a look what the booklet for  
Hex(623014) contains.

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# Color

**Hex(623014)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	623014
RGB	98, 48, 20
RGB Percent	38%, 19%, 8%
CMY	0.6157, 0.8118, 0.9216
CMYK	0.00, 0.51, 0.80, 0.62
HSL	22°, 66%, 23%
HSV	22°, 80%, 38%
XYZ	6.2202, 4.7611, 1.2530
YIQ	59.7580, 38.7880, 1.8920

# Conversions

## Conversions Part 2

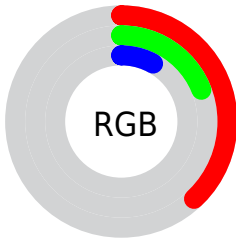
<b>Format</b>	<b>Color</b>
<b>RYB</b>	98, 64, 20
Decimal	6434836
CIELab	26.04, 20.27, 27.33
CIElCh	26, 34.032, 53.437
Yxy	4.7611, 0.5084, 0.3892
Android (android.graphics.Color)	4284624916 (0xFF623014)
YUV	59.7580, -19.6007, 33.5382
Hunter-Lab	21.8199, 12.7003, 11.8693

# Details

The Hex color **623014** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **144662**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **995F40**, and **2E0400** is the 20% darker color. If you saturate the color by 10%, you get **622A0A**, and if you desaturate by 10%, it is **62361E**.

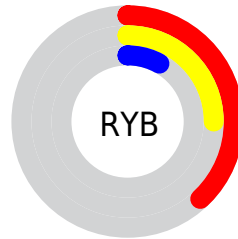
# Distribution



Red (38%)

Green (19%)

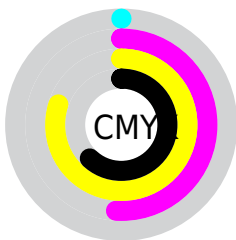
Blue (8%)



Red (38%)

Yellow (25%)

Blue (8%)

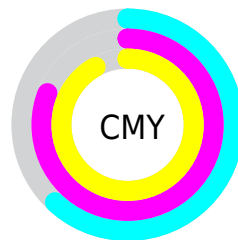


Cyan (0%)

Magenta (51%)

Yellow (80%)

Black (62%)



Cyan (62%)

Magenta (81%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 623014 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 623014 by changing the saturation by 10% instead.



 623014

 623014

 FFFFF8

 481A00

 995F40

 2E0400

 B57858

 080000

 D29271

 000000

 EFAD8A

 FFC8A5

 FFE4C0

 FFFFDC

 623014

 623014

■ 622A0A

■ 62361E

■ 622300

■ 623D28

■ 624331

■ 62493B

■ 624F45

■ 62564F

■ 625C59

■ 626262

■ 62696C

# Harmonies

## Analogous

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



6C262B



623014



503A04

# Triad

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



623014



004937



33396D

# Complementary

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



623014



144662

# 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.



004271



623014



004A51

# Square

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



623014



14471D



004867



572E5D

# Rectangle

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



623014



404004



004867



1F3D70



# Sweetspot

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



623014



806C61



621447



40342D



BFBFBF



404040



# Same Dimension

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



623014



803105



625614



302D2C



702800



F05600



# Inverse Universe

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



144662



055480



142062



2C2F30



004870



009AF0



# Previews

## White Background



This preview shows how the Hex color 623014 looks on a white background.

## Color Contrast Check

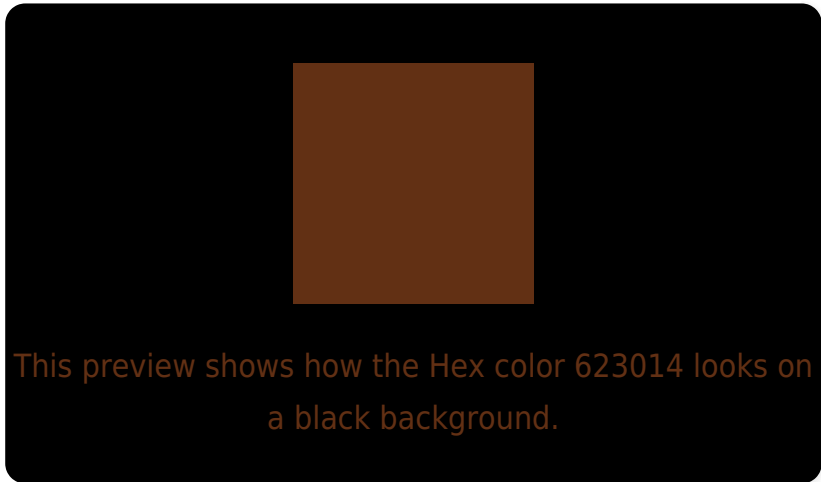
Large Text (above 18pt) WCAG AA ✓ Pass

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

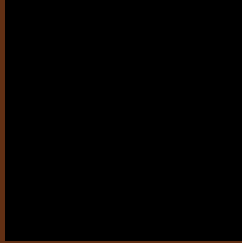
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 623014 Background



This preview shows how black text looks on a background with the Hex color 623014.



This preview shows how white text looks on a background with the Hex color 623014.

# 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**  
623014

**Protanopia**  
463F18

**Deuteranopia**  
4E3B10



**Tritanopia**  
632D30

# Trichromacy



**Original Color**  
623014

**Protanomaly**  
503A17

**Deuteranomaly**  
553711

**Tritanomaly**  
632E26

# Monochromacy



**Original Color**  
623014

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
4A382D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 623014 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 #623014 looks like.

```
.text, #text, p{  
    color:#623014  
}
```

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 #623014 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #623014
}
```

## Border

The CSS property to change the border of an element to Hex 623014 is called "border". The border property can be set on classes, ids or directly on the HTML element.

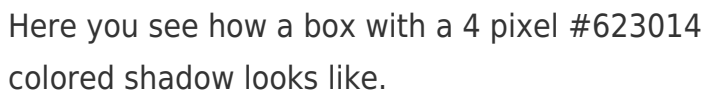
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#623014 }
```

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

```
.border{ border-color:#623014 }
```

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



Here you see how a box with a 4 pixel #623014 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #623014; -webkit-box-shadow:4px 4px  
4px 4px #623014; box-shadow:4px 4px 4px  
4px #623014 }
```

# Background

The CSS property to change the background color of an element to Hex 623014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#623014 }
```

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

```
.background{ background-color:#623014 }
```

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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