

# Converting Colors

Hex(632B22)

Have a look what the booklet for  
Hex(632B22) contains.

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**Color**

**Hex(632B22)**

# Conversions

## Conversions Part 1

Format	Color
Hex	632B22
RGB	99, 43, 34
RGB Percent	39%, 17%, 13%
CMY	0.6118, 0.8314, 0.8667
CMYK	0.00, 0.57, 0.66, 0.61
HSL	8°, 49%, 26%
HSV	8°, 66%, 39%
XYZ	6.2982, 4.4959, 2.0492
YIQ	58.7180, 36.2650, 9.0730

# Conversions

## Conversions Part 2

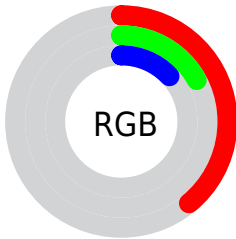
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 44, 34
Decimal	6499106
CIELab	25.25, 24.54, 17.92
CIElCh	25, 30.385, 36.133
Yxy	4.4959, 0.4904, 0.3501
Android (android.graphics.Color)	4284689186 (0xFF632B22)
YUV	58.7180, -12.1860, 35.3273
Hunter-Lab	21.2035, 15.9147, 9.1124

# Details

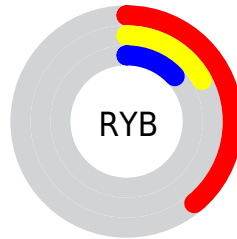
The Hex color **632B22** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **225A63**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **995A4E**, and **300000** is the 20% darker color. If you saturate the color by 10%, you get **632218**, and if you desaturate by 10%, it is **63342C**.

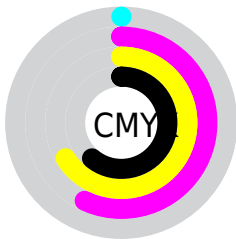
# Distribution



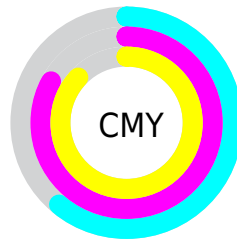
- Red (39%)
- Green (17%)
- Blue (13%)



- Red (39%)
- Yellow (17%)
- Blue (13%)



- Cyan (0%)
- Magenta (57%)
- Yellow (66%)
- Black (61%)



- Cyan (61%)
- Magenta (83%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 632B22 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 632B22 by changing the saturation by 10% instead.



 632B22

 632B22

FFFFFF

 49140D

 995A4E

 300000

 B57367

 0B0000

 D28D80

 000000

 EFA89A

 FFC3B4

 FFDFD0

 FFFCEC

 632B22

 632B22

■ 632218

■ 63342C

■ 631A0E

■ 633C36

■ 631104

■ 634540

■ 630E00

■ 634D4A

■ 635654

■ 635E5D

■ 636767

■ 636F71

■ 63787B

# Harmonies

## Analogous

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



652638



632B22



573411

# Triad

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



632B22



014628



133D6A

# Complementary

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



632B22



225A63

# 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.



004366



632B22



004740

# Square

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



632B22



2C4214



004656



433461

# Rectangle

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



632B22



4B3A0A



004656



003F6A



# Sweetspot

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



632B22



806A66



63225A



403330



BFBFBF



404040



# Same Dimension

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



632B22



80291B



634B22



302C2C



701000



F02100



# Inverse Universe

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



225A63



1B7280



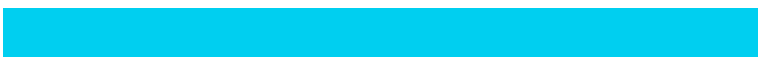
223A63



2C3030



006170

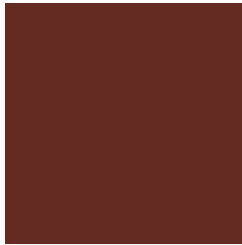


00CFF0



# Previews

## White Background



This preview shows how the Hex color 632B22 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

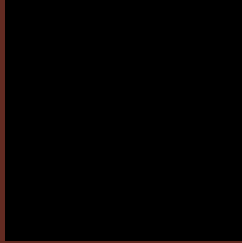
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 632B22 Background



This preview shows how black text looks on a background with the Hex color 632B22.

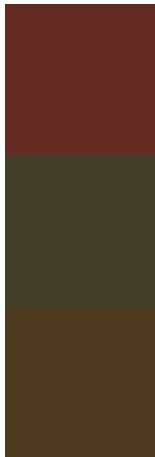


This preview shows how white text looks on a background with the Hex color 632B22.

# 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**  
632B22

**Protanopia**  
423D29

**Deuteranopia**  
4B3A1F



# Trichromacy



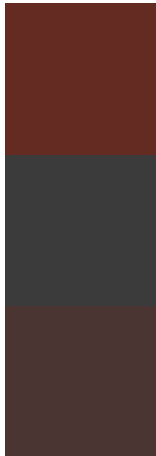
**Original Color**  
632B22

**Protanomaly**  
4E3626

**Deuteranomaly**  
543520

**Tritanomaly**  
642A28

# Monochromacy



**Original Color**  
632B22

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
4A3532

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 632B22 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 #632B22 looks like.

```
.text, #text, p{  
    color:#632B22  
}
```

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 #632B22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #632B22
}
```

## Border

The CSS property to change the border of an element to Hex 632B22 is called "border". The border property can be set on classes, ids or directly on the HTML element.

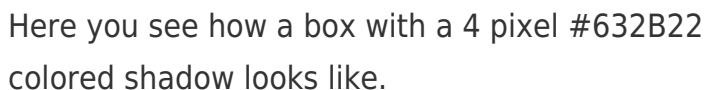
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#632B22 }
```

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

```
.border{ border-color:#632B22 }
```

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



Here you see how a box with a 4 pixel #632B22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #632B22; -webkit-box-shadow:4px 4px  
4px 4px #632B22; box-shadow:4px 4px 4px  
4px #632B22 }
```

# Background

The CSS property to change the background color of an element to Hex 632B22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#632B22 }
```

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

```
.background{ background-color:#632B22 }
```

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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