

# Converting Colors

Hex(622B2B)

Have a look what the booklet for  
Hex(622B2B) contains.

<b>Hex(622B2B)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(622B2B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	622B2B
RGB	98, 43, 43
RGB Percent	38%, 17%, 17%
CMY	0.6157, 0.8314, 0.8314
CMYK	0.00, 0.56, 0.56, 0.62
HSL	0°, 39%, 28%
HSV	0°, 56%, 38%
XYZ	6.3369, 4.4988, 2.8199
YIQ	59.4450, 32.7800, 11.6600

# Conversions

## Conversions Part 2

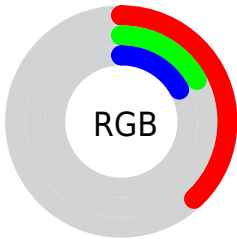
<b>Format</b>	<b>Color</b>
<b>RYB</b>	98, 43, 43
Decimal	6433579
CIELab	25.26, 24.92, 11.96
CIELCh	25, 27.637, 25.641
Yxy	4.4988, 0.4641, 0.3294
Android (android.graphics.Color)	4284623659 (0xFF622B2B)
YUV	59.4450, -8.1074, 33.8127
Hunter-Lab	21.2105, 16.2110, 6.9649

# Details

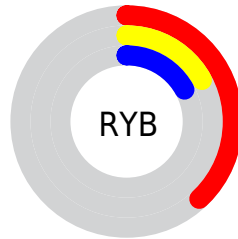
The Hex color **622B2B** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2B6262**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **985A58**, and **300000** is the 20% darker color. If you saturate the color by 10%, you get **622121**, and if you desaturate by 10%, it is **623535**.

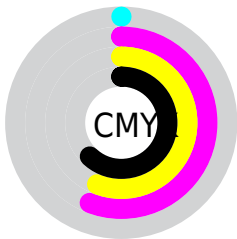
# Distribution



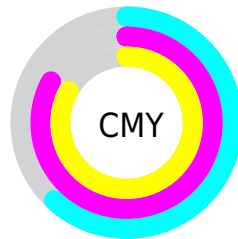
- Red (38%)
- Green (17%)
- Blue (17%)



- Red (38%)
- Yellow (17%)
- Blue (17%)



- Cyan (0%)
- Magenta (56%)
- Yellow (56%)
- Black (62%)



- Cyan (62%)
- Magenta (83%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 622B2B 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 622B2B by changing the saturation by 10% instead.





622B2B



622B2B

FFFFFF



481417



985A58



300000



B37371



0C0000



D08D8A



000000



EDA8A4



FFC3C0



FFE0DB



FFFCF8



622B2B



622B2B

■ 622121

■ 623535

■ 621717

■ 623F3F

■ 620E0E

■ 624848

■ 620404

■ 625252

■ 620000

■ 625C5C

■ 626666

■ 627070

■ 627979

■ 628383

# Harmonies

## Analogous

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



602A40



622B2B



5A321A

# Triad

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



622B2B



1B4423



003F65

# Complementary

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



622B2B



2B6262

# 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.



00445E



622B2B



004638

# Square

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



622B2B



364014



00464D



383862

# Rectangle

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



622B2B



503712



00464D



004164



# Sweetspot

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



622B2B



806A6A



622B62



403333



BFBFBF



404040



# Same Dimension

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



622B2B



802A2A



62472B



302C2C



700000



F00000



# Inverse Universe

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



2B6262



2A8080



2B4762



2C3030



007070

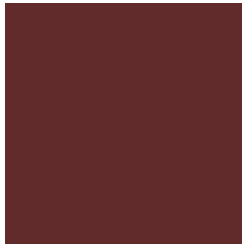


00F0F0



# Previews

## White Background



This preview shows how the Hex color 622B2B looks on a white background.

## Color Contrast Check

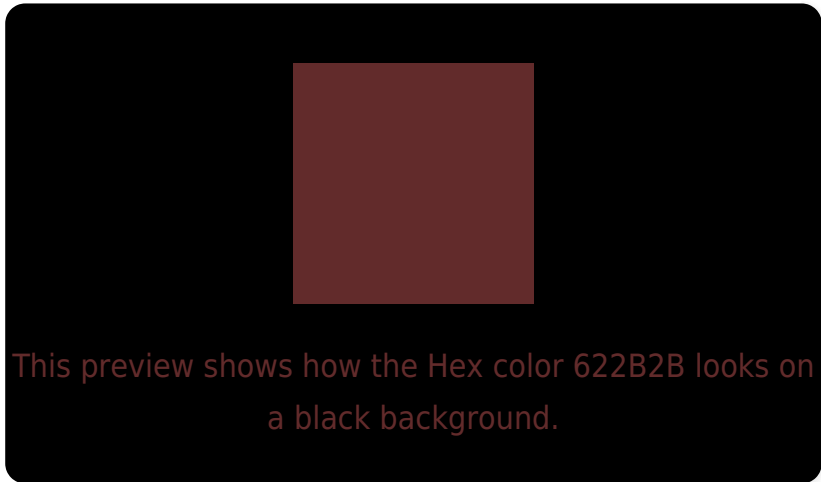
Large Text (above 18pt) WCAG AA ✓ Pass

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

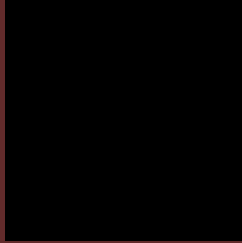
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 622B2B Background



This preview shows how black text looks on a background with the Hex color 622B2B.

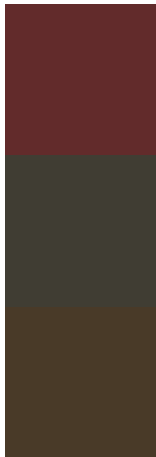


This preview shows how white text looks on a background with the Hex color 622B2B.

# 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**  
622B2B

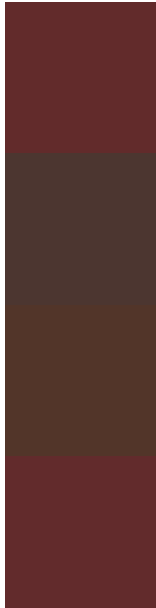
**Protanopia**  
403D33

**Deuteranopia**  
493A28



**Tritanopia**  
622B2D

# Trichromacy



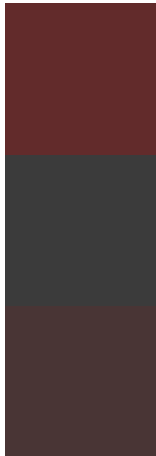
**Original Color**  
622B2B

**Protanomaly**  
4C3630

**Deuteranomaly**  
523529

**Tritanomaly**  
622B2C

# Monochromacy



**Original Color**  
622B2B

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
493535

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 622B2B 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 #622B2B looks like.

```
.text, #text, p{  
    color:#622B2B  
}
```

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 #622B2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #622B2B
}
```

## Border

The CSS property to change the border of an element to Hex 622B2B is called "border". The border property can be set on classes, ids or directly on the HTML element.

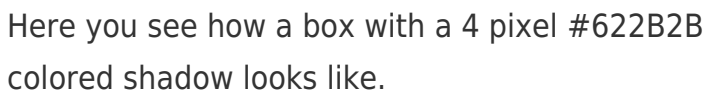
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#622B2B }
```

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

```
.border{ border-color:#622B2B }
```

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



Here you see how a box with a 4 pixel #622B2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #622B2B; -webkit-box-shadow:4px 4px  
4px 4px #622B2B; box-shadow:4px 4px 4px  
4px #622B2B }
```

# Background

The CSS property to change the background color of an element to Hex 622B2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#622B2B }
```

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

```
.background{ background-color:#622B2B }
```

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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