

# Converting Colors

Hex(522C2B)

Have a look what the booklet for  
Hex(522C2B) contains.

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# Color

Hex(522C2B)

# Conversions

## Conversions Part 1

Format	Color
Hex	522C2B
RGB	82, 44, 43
RGB Percent	32%, 17%, 17%
CMY	0.6784, 0.8275, 0.8314
CMYK	0.00, 0.46, 0.48, 0.68
HSL	2°, 31%, 25%
HSV	2°, 48%, 32%
XYZ	4.8164, 3.7696, 2.7593
YIQ	55.2480, 22.9690, 7.7450

# Conversions

## Conversions Part 2

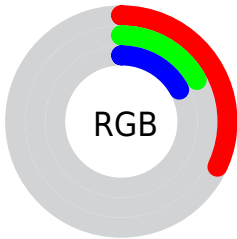
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	82, 44, 43
Decimal	5385259
CIE <sub>Lab</sub>	22.89, 17.38, 8.31
CIE <sub>LCh</sub>	23, 19.263, 25.571
Yxy	3.7696, 0.4245, 0.3323
Android (android.graphics.Color)	4283575339 (0xFF522C2B)
YUV	55.2480, -6.0383, 23.4615
Hunter-Lab	19.4155, 10.3033, 5.1648

# Details

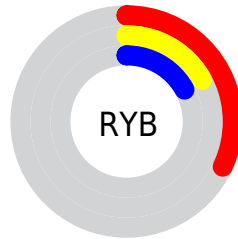
The Hex color **522C2B** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2B5152**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **855A58**, and **250000** is the 20% darker color. If you saturate the color by 10%, you get **522423**, and if you desaturate by 10%, it is **523433**.

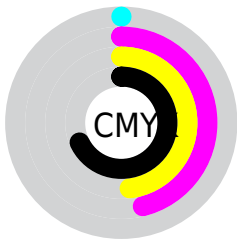
# Distribution



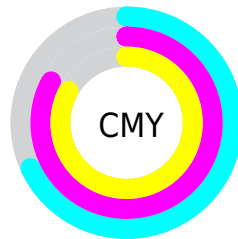
- Red (32%)
- Green (17%)
- Blue (17%)



- Red (32%)
- Yellow (17%)
- Blue (17%)



- Cyan (0%)
- Magenta (46%)
- Yellow (48%)
- Black (68%)



- Cyan (68%)
- Magenta (83%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 522C2B 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 522C2B by changing the saturation by 10% instead.



 522C2B

 522C2B

FFFFFF

 3A1717

 855A58

 250000

 A07371

 000000

 BC8D8A

 D8A7A4

 F5C3C0

 FFDFDB

 FFFBF8

 522C2B

 522C2B

■ 522423

■ 523433

■ 521C1B

■ 523C3B

■ 521412

■ 524444

■ 520C0A

■ 524C4C

■ 520402

■ 525454

■ 520200

■ 525C5C

■ 526464

■ 526C6D

■ 527475

# Harmonies

## Analogous

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



502B39



522C2B



4C301F

# Triad

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



522C2B



223D26



1C3953

# Complementary

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



522C2B



2B5152

# 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.



003C4E



522C2B



0C3E34

# Square

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



522C2B



33391C



003E43



353450

# Rectangle

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



522C2B



46331B



003E43



113A52



# Sweetspot

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



522C2B



6B5C5C



522B51



362D2C



B5B5B5



363636



# Same Dimension

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



522C2B



6B302E



523F2B



292525



690300



E80600



# Inverse Universe

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



2B5152



2E6A6B



2B3E52



252929



006669

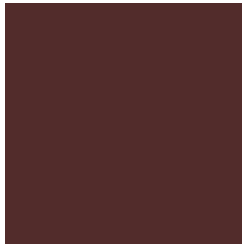


00E2E8



# Previews

## White Background



This preview shows how the Hex color 522C2B looks on a white background.

## Color Contrast Check

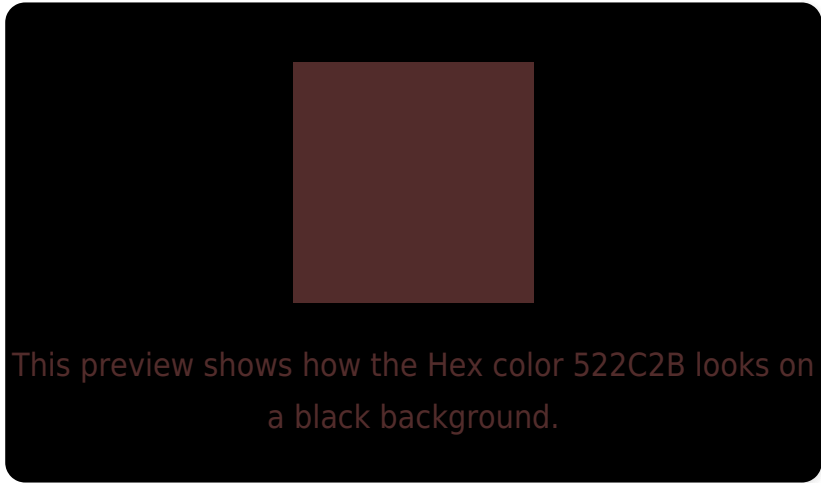
Large Text (above 18pt) WCAG AA ✓ Pass

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

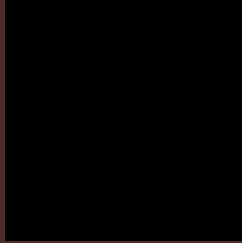
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 522C2B Background



This preview shows how black text looks on a background with the Hex color 522C2B.

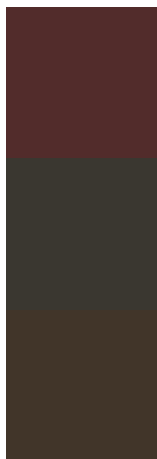


This preview shows how white text looks on a background with the Hex color 522C2B.

# 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**  
522C2B

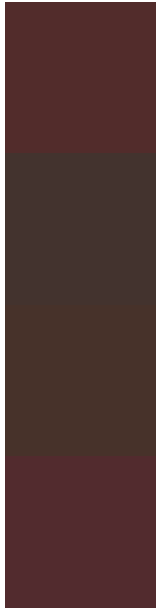
**Protanopia**  
3A3730

**Deuteranopia**  
413529



**Tritanopia**  
522B2F

# Trichromacy



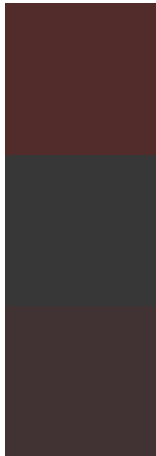
**Original Color**  
522C2B

**Protanomaly**  
43332E

**Deuteranomaly**  
47322A

**Tritanomaly**  
522B2E

# Monochromacy



**Original Color**  
522C2B

**Achromatopsia**  
373737

**Achromatomaly**  
413333

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 522C2B 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 #522C2B looks like.

```
.text, #text, p{  
    color:#522C2B  
}
```

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 #522C2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #522C2B
}
```

## Border

The CSS property to change the border of an element to Hex 522C2B 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".

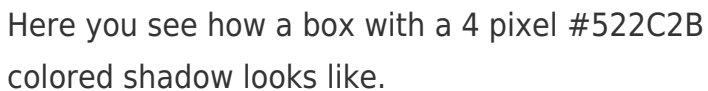
```
.border, #border, table{ border:4px solid
#522C2B }
```

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

```
.border{ border-color:#522C2B }
```

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

Here you see how a box with a 4 pixel #522C2B colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below and to the right of the box is a dark red shadow, indicating a box shadow effect.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #522C2B; -webkit-box-shadow:4px 4px  
4px 4px #522C2B; box-shadow:4px 4px 4px  
4px #522C2B }
```

# Background

The CSS property to change the background color of an element to Hex 522C2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#522C2B }
```

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

```
.background{ background-color:#522C2B }
```

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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