

# Converting Colors

Hex(522C5B)

Have a look what the booklet for  
Hex(522C5B) contains.

<b>Hex(522C5B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(522C5B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	522C5B
RGB	82, 44, 91
RGB Percent	32%, 17%, 36%
CMY	0.6784, 0.8275, 0.6431
CMYK	0.10, 0.52, 0.00, 0.64
HSL	289°, 35%, 26%
HSV	289°, 52%, 36%
XYZ	6.2687, 4.3505, 10.4069
YIQ	60.7200, 7.5610, 22.6730

# Conversions

## Conversions Part 2

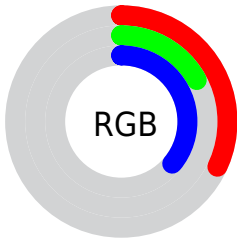
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	82, 44, 91
Decimal	5385307
CIE <sub>Lab</sub>	24.80, 26.16, -21.10
CIE <sub>LCh</sub>	25, 33.611, 321.110
Yxy	4.3505, 0.2981, 0.2069
Android (android.graphics.Color)	4283575387 (0xFF522C5B)
YUV	60.7200, 14.9280, 18.6626
Hunter-Lab	20.8579, 17.1454, -14.9816

# Details

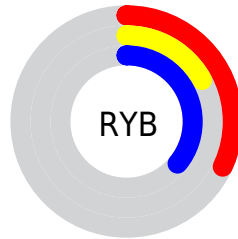
The Hex color **522C5B** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **355B2C**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **855B8D**, and **24002D** is the 20% darker color. If you saturate the color by 10%, you get **50235B**, and if you desaturate by 10%, it is **54355B**.

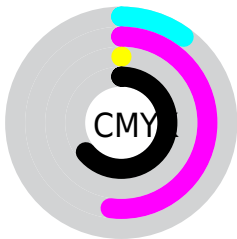
# Distribution



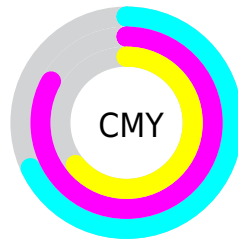
- Red (32%)
- Green (17%)
- Blue (36%)



- Red (32%)
- Yellow (17%)
- Blue (36%)



- Cyan (10%)
- Magenta (52%)
- Yellow (0%)
- Black (64%)



- Cyan (68%)
- Magenta (83%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 522C5B 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 522C5B by changing the saturation by 10% instead.





522C5B



522C5B

FFFFFF



3A1643



855B8D



24002D



9F74A8



000018



BA8EC3



000000



D6A9DF



F3C4FC



FFE0FF



FFFDFF



522C5B



522C5B

■ 50235B

■ 54355B

■ 4F1A5B

■ 553E5B

■ 4D115B

■ 57475B

■ 4B085B

■ 59505B

■ 4A005B

■ 5B5A5B

■ 5C635B

■ 5E6C5B

■ 60755B

■ 627E5B

# Harmonies

## Analogous

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



2C376A



522C5B



652344

# Triad

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



522C5B



4E3702



00474C

# Complementary

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



522C5B



355B2C

# 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.



004632



522C5B



363F05

# Square

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



522C5B



5F2D14



154419



004562

# Rectangle

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



522C5B



692232



154419



004744



# Sweetspot

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



522C5B



726475



2C355B



39303B



BABABA



3B3B3B



# Same Dimension

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



522C5B



672D75



5B2C4D



2D292E



59006E



C000ED



# Inverse Universe

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



5B2C35



752D3B



2C5B3A



2E292A



6E0015

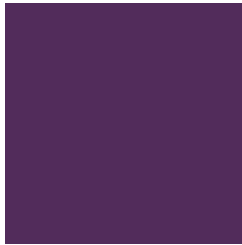


ED002D



# Previews

## White Background



This preview shows how the Hex color 522C5B 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

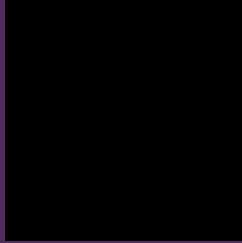
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 522C5B Background



This preview shows how black text looks on a background with the Hex color 522C5B.



This preview shows how white text looks on a background with the Hex color 522C5B.

# 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**  
522C5B

**Protanopia**  
273A68

**Deuteranopia**  
2F3B58



**Tritanopia**  
4D3539

# Trichromacy



**Original Color**  
522C5B

**Protanomaly**  
373563

**Deuteranomaly**  
3C3659

**Tritanomaly**  
4F3245

# Monochromacy



**Original Color**  
522C5B

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
453748

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 522C5B 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 #522C5B looks like.

```
.text, #text, p{  
    color:#522C5B  
}
```

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 #522C5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #522C5B
}
```

## Border

The CSS property to change the border of an element to Hex 522C5B is called "border". The border property can be set on classes, ids or directly on the HTML element.

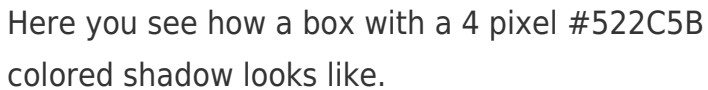
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#522C5B }
```

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

```
.border{ border-color:#522C5B }
```

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



Here you see how a box with a 4 pixel #522C5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #522C5B; -webkit-box-shadow:4px 4px  
4px 4px #522C5B; box-shadow:4px 4px 4px  
4px #522C5B }
```

# Background

The CSS property to change the background color of an element to Hex 522C5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#522C5B }
```

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

```
.background{ background-color:#522C5B }
```

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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