

# Converting Colors

Hex(522D33)

Have a look what the booklet for  
Hex(522D33) contains.

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**Color**

**Hex(522D33)**

# Conversions

## Conversions Part 1

Format	Color
Hex	522D33
RGB	82, 45, 51
RGB Percent	32%, 18%, 20%
CMY	0.6784, 0.8235, 0.8000
CMYK	0.00, 0.45, 0.38, 0.68
HSL	350°, 29%, 25%
HSV	350°, 45%, 32%
XYZ	5.0156, 3.9096, 3.6222
YIQ	56.7470, 20.1260, 9.7100

# Conversions

## Conversions Part 2

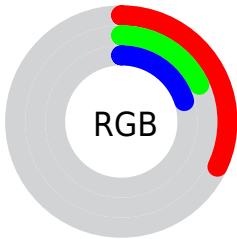
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	82, 45, 51
Decimal	5385523
CIE Lab	23.37, 17.84, 3.56
CIE LCh	23, 18.193, 11.273
Yxy	3.9096, 0.3997, 0.3116
Android (android.graphics.Color)	4283575603 (0xFF522D33)
YUV	56.7470, -2.8333, 22.1469
Hunter-Lab	19.7728, 10.6763, 2.9794

# Details

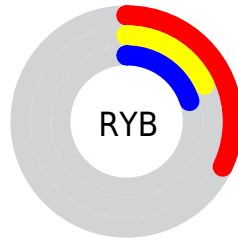
The Hex color **522D33** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2D524C**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **855B61**, and **260004** is the 20% darker color. If you saturate the color by 10%, you get **52252C**, and if you desaturate by 10%, it is **52353A**.

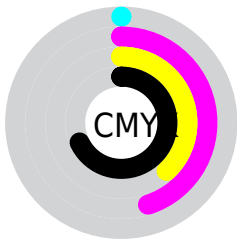
# Distribution



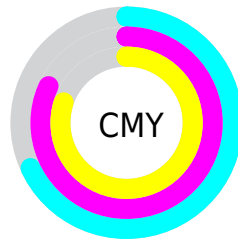
- Red (32%)
- Green (18%)
- Blue (20%)



- Red (32%)
- Yellow (18%)
- Blue (20%)



- Cyan (0%)
- Magenta (45%)
- Yellow (38%)
- Black (68%)



- Cyan (68%)
- Magenta (82%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 522D33 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 522D33 by changing the saturation by 10% instead.





522D33



522D33

FFFFFF



3A171E



855B61



260004



9F747A



000000



BB8E94



D7A9AE



F4C4CA



FFE0E6



FFFDFD



522D33



522D33

■ 52252C

■ 52353A

■ 521D25

■ 523D41

■ 52141E

■ 524648

■ 520C18

■ 524E4E

■ 520411

■ 525655

■ 52000D

■ 525E5C

■ 526663

■ 526F6A

■ 527771

# Harmonies

## Analogous

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



4D2E41



522D33



502F26

# Triad

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



522D33



2D3C23



133B51

# Complementary

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



522D33



2D524C

# 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.



003E49



522D33



1B3E2F

# Square

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



522D33



3B391D



053F3D



2C3752

# Rectangle

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



522D33



4B3220



053F3D



093D4F



# Sweetspot

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



522D33



6B5C5F



4C2D52



362C2E



B5B5B5



363636



# Same Dimension

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



522D33



6B313B



52392D



292525



690011



E80026



# Inverse Universe

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



522D33



6B313B



2D4652



292525



690011

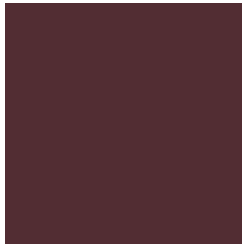


E80026



# Previews

## White Background



This preview shows how the Hex color 522D33 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 522D33 Background



This preview shows how black text looks on a background with the Hex color 522D33.



This preview shows how white text looks on a background with the Hex color 522D33.

# 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**  
522D33

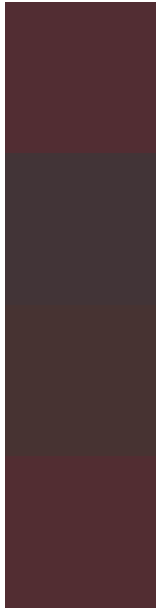
**Protanopia**  
393839

**Deuteranopia**  
403631



**Tritanopia**  
522D31

# Trichromacy



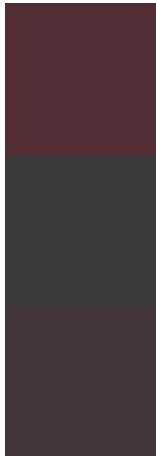
**Original Color**  
522D33

**Protanomaly**  
423437

**Deuteranomaly**  
473332

**Tritanomaly**  
522D32

# Monochromacy



**Original Color**  
522D33

**Achromatopsia**  
393939

**Achromatomaly**  
423537

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 522D33 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 #522D33 looks like.

```
.text, #text, p{  
    color:#522D33  
}
```

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 #522D33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #522D33
}
```

## Border

The CSS property to change the border of an element to Hex 522D33 is called "border". The border property can be set on classes, ids or directly on the HTML element.

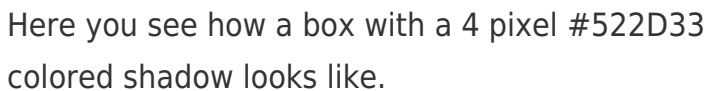
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#522D33 }
```

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

```
.border{ border-color:#522D33 }
```

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



Here you see how a box with a 4 pixel #522D33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #522D33; -webkit-box-shadow:4px 4px  
4px 4px #522D33; box-shadow:4px 4px 4px  
4px #522D33 }
```

# Background

The CSS property to change the background color of an element to Hex 522D33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#522D33 }
```

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

```
.background{ background-color:#522D33 }
```

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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