

# Converting Colors

Hex(552C00)

Have a look what the booklet for  
Hex(552C00) contains.

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**Color**

**Hex(552C00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	552C00
RGB	85, 44, 0
RGB Percent	33%, 17%, 0%
CMY	0.6667, 0.8275, 1.0000
CMYK	0.00, 0.48, 1.00, 0.67
HSL	31°, 100%, 17%
HSV	31°, 100%, 33%
XYZ	4.6470, 3.7327, 0.4756
YIQ	51.2430, 38.5600, -4.9920

# Conversions

## Conversions Part 2

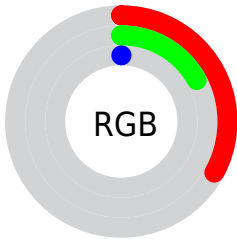
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	79, 85, 0
Decimal	5581824
CIE <sub>Lab</sub>	22.77, 15.73, 32.45
CIE <sub>LCh</sub>	23, 36.063, 64.139
Yxy	3.7327, 0.5248, 0.4215
Android (android.graphics.Color)	4283771904 (0xFF552C00)
YUV	51.2430, -25.2628, 29.6049
Hunter-Lab	19.3201, 9.1238, 12.0647

# Details

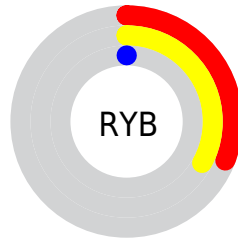
The Hex color **552C00** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **002955**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **8B5A2F**, and **230000** is the 20% darker color. If you saturate the color by 10%, you get **552C00**, and if you desaturate by 10%, it is **553008**.

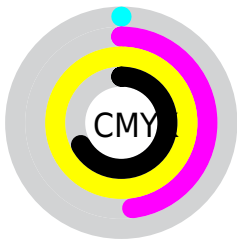
# Distribution



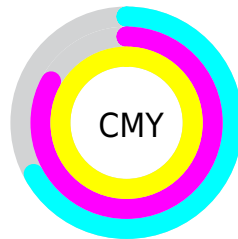
- Red (33%)
- Green (17%)
- Blue (0%)



- Red (31%)
- Yellow (33%)
- Blue (0%)



- Cyan (0%)
- Magenta (48%)
- Yellow (100%)
- Black (67%)



- Cyan (67%)
- Magenta (83%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 552C00 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 552C00 by changing the saturation by 10% instead.



 552C00

 552C00

 FFFFE4

 3B1700

 8B5A2F

 230000

 A77347

 000000

 C38C5F

 E1A778

 FEC292

 FFDEAD

 FFFAC8

 552C00

■ 553008

■ 553411

■ 553819

■ 553C22

■ 55402A

■ 554533

■ 55493B

■ 554D44

■ 55514C

# Harmonies

## Analogous

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



63201A



552C00



403600

# Triad

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



552C00



004239



3B2D63

# Complementary

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



552C00



002955

# 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.



00386C



552C00



004254

# Square

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



552C00



00411D



003F67



59204E

# Rectangle

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



552C00



2E3B00



003F67



2A3268



# Sweetspot

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



552C00



6E5E4D



550029



382E24



B8B8B8



383838



# Same Dimension

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



552C00



6E3900



545500



2B2927



6B3700



EB7900



# Inverse Universe

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



002955



00356E



010055



27292B



00346B

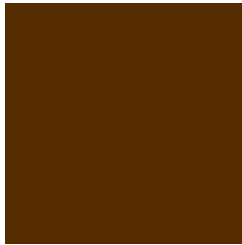


0071EB



# Previews

## White Background



This preview shows how the Hex color 552C00 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

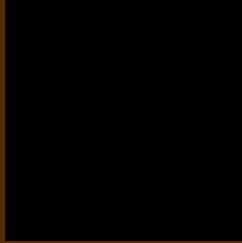
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 552C00 Background



This preview shows how black text looks on a background with the Hex color 552C00.



This preview shows how white text looks on a background with the Hex color 552C00.

# 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**  
552C00

**Protanopia**  
3E3707

**Deuteranopia**  
463400



**Tritanopia**  
56292C

# Trichromacy



**Original Color**  
552C00

**Protanomaly**  
463304

**Deuteranomaly**  
4B3100

**Tritanomaly**  
562A1C

# Monochromacy



**Original Color**  
552C00

**Achromatopsia**  
333333

**Achromatomaly**  
3F3020

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 552C00 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 #552C00 looks like.

```
.text, #text, p{  
    color:#552C00  
}
```

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 #552C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #552C00
}
```

## Border

The CSS property to change the border of an element to Hex 552C00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

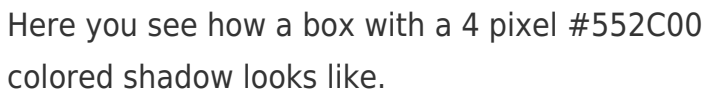
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#552C00 }
```

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

```
.border{ border-color:#552C00 }
```

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



Here you see how a box with a 4 pixel #552C00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #552C00; -webkit-box-shadow:4px 4px  
4px 4px #552C00; box-shadow:4px 4px 4px  
4px #552C00 }
```

# Background

The CSS property to change the background color of an element to Hex 552C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#552C00 }
```

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

```
.background{ background-color:#552C00 }
```

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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