

# Converting Colors

Hex(552216)

Have a look what the booklet for  
Hex(552216) contains.

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**Color**

**Hex(552216)**

# Conversions

## Conversions Part 1

Format	Color
Hex	552216
RGB	85, 34, 22
RGB Percent	33%, 13%, 9%
CMY	0.6667, 0.8667, 0.9137
CMYK	0.00, 0.60, 0.74, 0.67
HSL	11°, 59%, 21%
HSV	11°, 74%, 33%
XYZ	4.4632, 3.1333, 1.1286
YIQ	47.8810, 34.2480, 7.0800

# Conversions

## Conversions Part 2

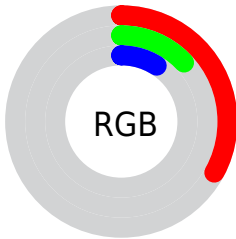
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	85, 37, 22
Decimal	5579286
CIE Lab	20.57, 22.76, 19.44
CIE LCh	21, 29.933, 40.511
Yxy	3.1333, 0.5115, 0.3591
Android (android.graphics.Color)	4283769366 (0xFF552216)
YUV	47.8810, -12.7593, 32.5534
Hunter-Lab	17.7011, 14.0302, 8.6105

# Details

The Hex color **552216** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **164955**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **8B5041**, and **260001** is the 20% darker color. If you saturate the color by 10%, you get **551B0D**, and if you desaturate by 10%, it is **55291E**.

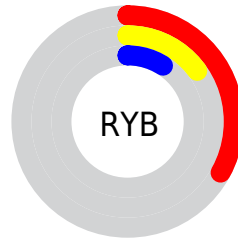
# Distribution



Red (33%)

Green (13%)

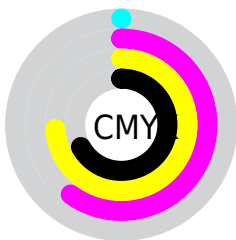
Blue (9%)



Red (33%)

Yellow (15%)

Blue (9%)

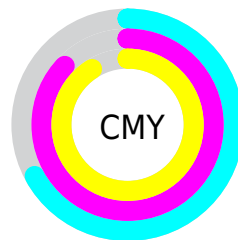


Cyan (0%)

Magenta (60%)

Yellow (74%)

Black (67%)



Cyan (67%)

Magenta (87%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 552216 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 552216 by changing the saturation by 10% instead.



 552216

 552216

 FFFFF8

 3C0B00

 8B5041

 260001

 A66958

 000000

 C38271

 E09D8B

 FDB8A5

 FFD3C0

 FFF0DC

 552216

 552216

■ 551B0D

■ 55291E

■ 551405

■ 553027

■ 551000

■ 55372F

■ 553E38

■ 554440

■ 554B49

■ 555251

■ 55595A

■ 556062

# Harmonies

## Analogous

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



591C2B



552216



482B03

# Triad

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



552216



003B22



10315D

# Complementary

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



552216



164955

# 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.



00385B



552216



003C39

# Square

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



552216



1D380D



003B4E



3C2853

# Rectangle

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



552216



3D3100



003B4E



00345E



# Sweetspot

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



552216



6E5A56



551649



382C2A



B8B8B8



383838



# Same Dimension

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



552216



6E1F0C



554116



2B2827



6B1400



EB2D00



# Inverse Universe

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



164955



0C5B6E



162A55



272B2B



00576B

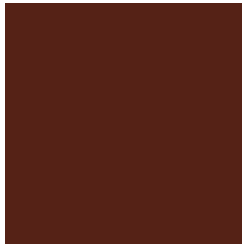


00BEEB



# Previews

## White Background



This preview shows how the Hex color 552216 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

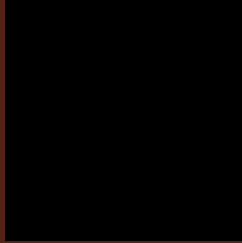
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 552216 Background



This preview shows how black text looks on a background with the Hex color 552216.

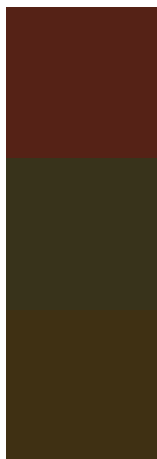


This preview shows how white text looks on a background with the Hex color 552216.

# 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**  
552216

**Protanopia**  
38331B

**Deuteranopia**  
3F3013



# Trichromacy



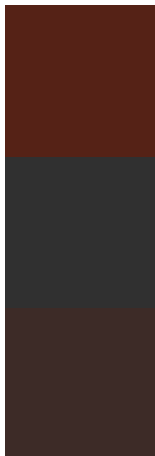
**Original Color**  
552216

**Protanomaly**  
432D19

**Deuteranomaly**  
472B14

**Tritanomaly**  
56211E

# Monochromacy



**Original Color**  
552216

**Achromatopsia**  
303030

**Achromatomaly**  
3D2B27

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 552216 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 #552216 looks like.

```
.text, #text, p{  
    color:#552216  
}
```

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 #552216 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #552216
}
```

## Border

The CSS property to change the border of an element to Hex 552216 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".

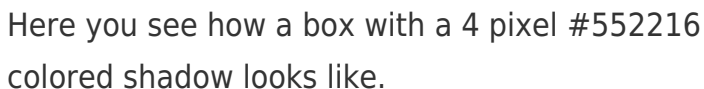
```
.border, #border, table{ border:4px solid
#552216 }
```

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

```
.border{ border-color:#552216 }
```

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

Here you see how a box with a 4 pixel #552216 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #552216; -webkit-box-shadow:4px 4px  
4px 4px #552216; box-shadow:4px 4px 4px  
4px #552216 }
```

# Background

The CSS property to change the background color of an element to Hex 552216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#552216 }
```

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

```
.background{ background-color:#552216 }
```

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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