

# Converting Colors

Hex(552C18)

Have a look what the booklet for  
Hex(552C18) contains.

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**Color**

**Hex(552C18)**

# Conversions

## Conversions Part 1

Format	Color
Hex	552C18
RGB	85, 44, 24
RGB Percent	33%, 17%, 9%
CMY	0.6667, 0.8275, 0.9059
CMYK	0.00, 0.48, 0.72, 0.67
HSL	20°, 56%, 21%
HSV	20°, 72%, 33%
XYZ	4.8119, 3.7986, 1.3437
YIQ	53.9790, 30.8560, 2.4720

# Conversions

## Conversions Part 2

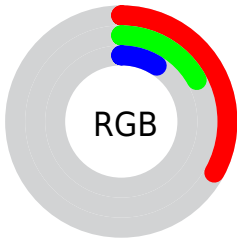
<b>Format</b>	<b>Color</b>
<b>RYB</b>	85, 54, 24
Decimal	5581848
CIELab	22.99, 16.89, 21.01
CIElCh	23, 26.959, 51.209
Yxy	3.7986, 0.4834, 0.3816
Android (android.graphics.Color)	4283771928 (0xFF552C18)
YUV	53.9790, -14.7796, 27.2054
Hunter-Lab	19.4900, 9.9621, 9.5552

# Details

The Hex color **552C18** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **184155**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **8A5A44**, and **250000** is the 20% darker color. If you saturate the color by 10%, you get **55260F**, and if you desaturate by 10%, it is **553220**.

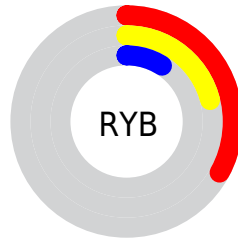
# Distribution



 Red (33%)

 Green (17%)

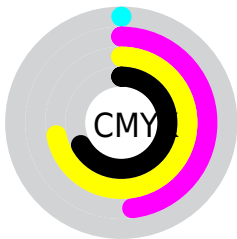
 Blue (9%)



 Red (33%)

 Yellow (21%)

 Blue (9%)

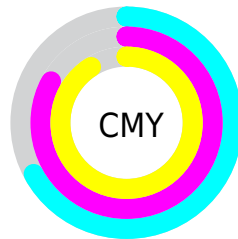



 Cyan (0%)

 Magenta (48%)

 Yellow (72%)

 Black (67%)



 Cyan (67%)

 Magenta (83%)

 Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 552C18 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 552C18 by changing the saturation by 10% instead.





552C18



552C18

FFFFFFC



3C1700



8A5A44



250000



A5735B



000000



C18D74



DEA78E



FBC2A8



FFDEC3



FFFBDF



552C18



552C18

■ 55260F

■ 553220

■ 552107

■ 553729

■ 551C00

■ 553D31

■ 55433A

■ 554942

■ 554E4B

■ 555453

■ 555A5C

■ 555F64

# Harmonies

## Analogous

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



5C2629



552C18



47340D

# Triad

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



552C18



004030



2D345C

# Complementary

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



552C18



184155

# 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.



003B5E



552C18



004145

# Square

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



552C18



1C3E1D



003F56



4A2C50

# Rectangle

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



552C18



3B380C



003F56



20365E



# Sweetspot

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



552C18



6E5D56



551842



382E2A



B8B8B8



383838



# Same Dimension

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



552C18



6E2E0F



554A18



2B2827



6B2300



EB4D00



# Inverse Universe

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



184155



0F4F6E



182355



272A2B



00486B



009EEB



# Previews

## White Background



This preview shows how the Hex color 552C18 looks on a white background.

## Color Contrast Check

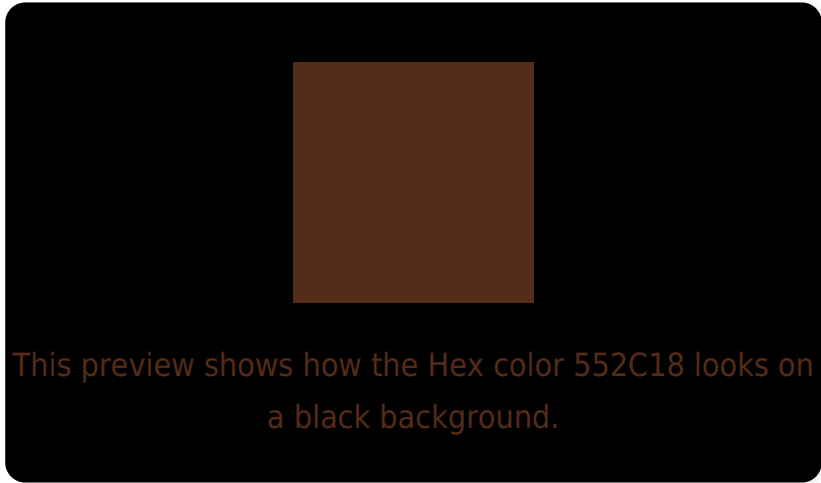
Large Text (above 18pt) WCAG AA ✓ Pass

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 552C18 Background



This preview shows how black text looks on a background with the Hex color 552C18.

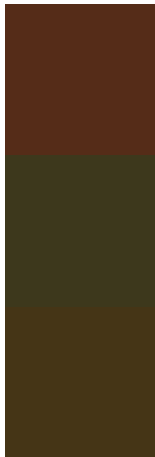


This preview shows how white text looks on a background with the Hex color 552C18.

# 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**  
552C18

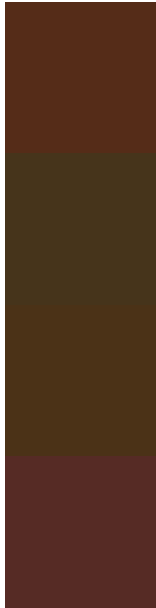
**Protanopia**  
3D381C

**Deuteranopia**  
453516



**Tritanopia**  
562A2D

# Trichromacy



**Original Color**  
552C18

**Protanomaly**  
46341B

**Deuteranomaly**  
4B3217

**Tritanomaly**  
562B25

# Monochromacy



**Original Color**  
552C18

**Achromatopsia**  
363636

**Achromatomaly**  
41322B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 552C18 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 #552C18 looks like.

```
.text, #text, p{  
    color:#552C18  
}
```

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 #552C18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #552C18
}
```

## Border

The CSS property to change the border of an element to Hex 552C18 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".

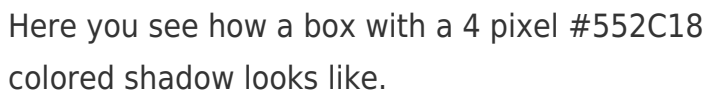
```
.border, #border, table{ border:4px solid
#552C18 }
```

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

```
.border{ border-color:#552C18 }
```

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

Here you see how a box with a 4 pixel #552C18 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #552C18; -webkit-box-shadow:4px 4px  
4px 4px #552C18; box-shadow:4px 4px 4px  
4px #552C18 }
```

# Background

The CSS property to change the background color of an element to Hex 552C18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#552C18 }
```

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

```
.background{ background-color:#552C18 }
```

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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