

# Converting Colors

Hex(552F12)

Have a look what the booklet for  
Hex(552F12) contains.

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**Color**

**Hex(552F12)**

# Conversions

## Conversions Part 1

Format	Color
Hex	552F12
RGB	85, 47, 18
RGB Percent	33%, 18%, 7%
CMY	0.6667, 0.8157, 0.9294
CMYK	0.00, 0.45, 0.79, 0.67
HSL	26°, 65%, 20%
HSV	26°, 79%, 33%
XYZ	4.8720, 4.0080, 1.0891
YIQ	55.0560, 31.9570, -0.9630

# Conversions

## Conversions Part 2

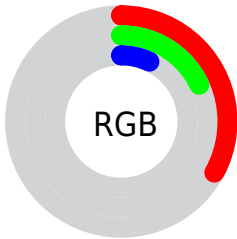
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	85, 69, 18
Decimal	5582610
CIE Lab	23.70, 14.62, 25.35
CIE LCh	24, 29.267, 60.023
Yxy	4.0080, 0.4887, 0.4020
Android (android.graphics.Color)	4283772690 (0xFF552F12)
YUV	55.0560, -18.2686, 26.2609
Hunter-Lab	20.0200, 8.4043, 10.7886

# Details

The Hex color **552F12** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **123855**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **8A5D3E**, and **240100** is the 20% darker color. If you saturate the color by 10%, you get **552A0A**, and if you desaturate by 10%, it is **55341B**.

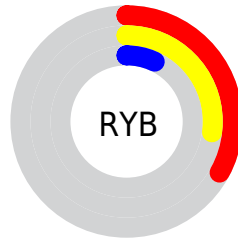
# Distribution



Red (33%)

Green (18%)

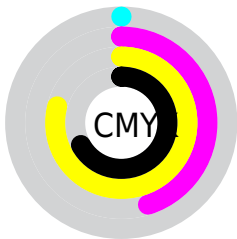
Blue (7%)



Red (33%)

Yellow (27%)

Blue (7%)

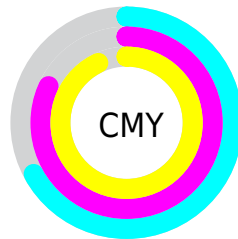


Cyan (0%)

Magenta (45%)

Yellow (79%)

Black (67%)



Cyan (67%)

Magenta (82%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 552F12 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 552F12 by changing the saturation by 10% instead.



 552F12

 552F12

 FFFFF5

 3C1A00

 8A5D3E

 240100

 A67655

 000000

 C2906E

 DFAA87

 FCC6A2

 FFE2BD

 FFFED9

 552F12

 552F12

■ 552A0A

■ 55341B

■ 552501

■ 553923

■ 552500

■ 553D2C

■ 554234

■ 55473D

■ 554C45

■ 55514E

■ 555656

■ 555A5E

# Harmonies

## Analogous

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



5F2724



552F12



443708

# Triad

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



552F12



004338



39335F

# Complementary

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



552F12



123855

# 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.



003B64



552F12



00434E

# Square

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



552F12



0D4121



00405E



53294F

# Rectangle

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



552F12



363C0B



00405E



2C3662



# Sweetspot

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



552F12



6E5F53



551239



382F28



B8B8B8



383838



# Same Dimension

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



552F12



6E3305



554F12



2B2927



6B2E00



EB6600



# Inverse Universe

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



123855



05416E



121855



27292B



003D6B



0085EB



# Previews

## White Background



This preview shows how the Hex color 552F12 looks on a white background.

## Color Contrast Check

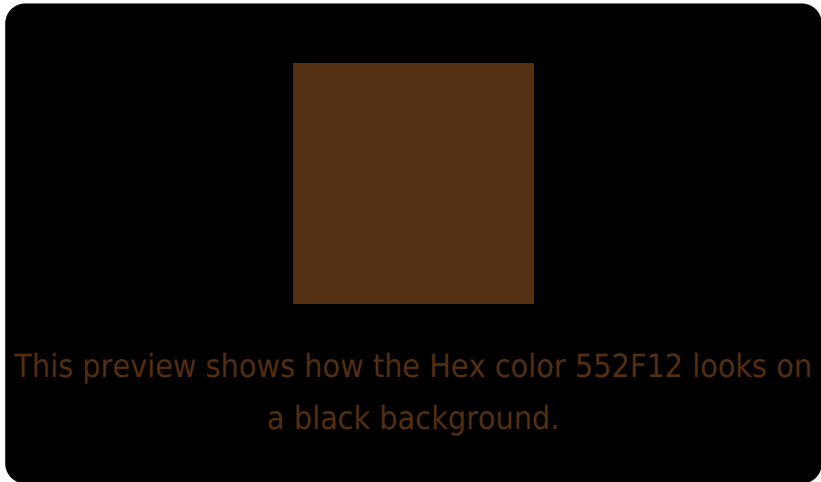
Large Text (above 18pt) WCAG AA ✓ Pass

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

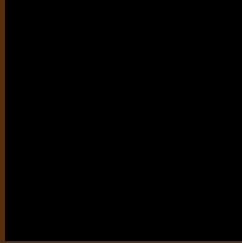
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 552F12 Background



This preview shows how black text looks on a background with the Hex color 552F12.



This preview shows how white text looks on a background with the Hex color 552F12.

# 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



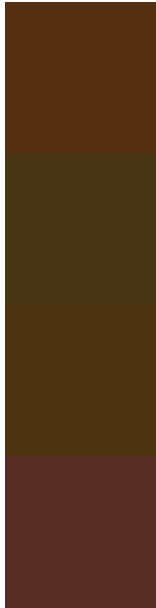
**Original Color**  
552F12

**Protanopia**  
403915

**Deuteranopia**  
48360F



# Trichromacy



**Original Color**  
552F12

**Protanomaly**  
483514

**Deuteranomaly**  
4D3310

**Tritanomaly**  
562D24

# Monochromacy



**Original Color**  
552F12

**Achromatopsia**  
373737

**Achromatomaly**  
42342A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 552F12 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 #552F12 looks like.

```
.text, #text, p{  
    color:#552F12  
}
```

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 #552F12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #552F12  
}
```

## Border

The CSS property to change the border of an element to Hex 552F12 is called "border". The border property can be set on classes, ids or directly on the HTML element.

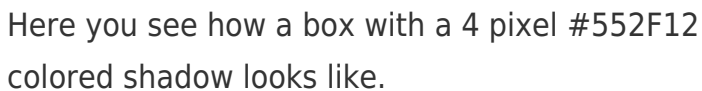
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#552F12 }
```

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

```
.border{ border-color:#552F12 }
```

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



Here you see how a box with a 4 pixel #552F12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #552F12; -webkit-box-shadow:4px 4px  
4px 4px #552F12; box-shadow:4px 4px 4px  
4px #552F12 }
```

# Background

The CSS property to change the background color of an element to Hex 552F12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#552F12 }
```

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

```
.background{ background-color:#552F12 }
```

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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