

# Converting Colors

Hex(592F2F)

Have a look what the booklet for  
Hex(592F2F) contains.

<b>Hex(592F2F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(592F2F)

# Conversions

## Conversions Part 1

Format	Color
Hex	592F2F
RGB	89, 47, 47
RGB Percent	35%, 18%, 18%
CMY	0.6510, 0.8157, 0.8157
CMYK	0.00, 0.47, 0.47, 0.65
HSL	0°, 31%, 27%
HSV	0°, 47%, 35%
XYZ	5.6494, 4.3621, 3.2335
YIQ	59.5580, 25.0320, 8.9040

# Conversions

## Conversions Part 2

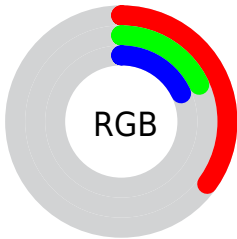
<b>Format</b>	<b>Color</b>
<b>RYB</b>	89, 47, 47
Decimal	5844783
CIELab	24.83, 19.12, 8.47
CIELCh	25, 20.913, 23.888
Yxy	4.3621, 0.4265, 0.3293
Android (android.graphics.Color)	4284034863 (0xFF592F2F)
YUV	59.5580, -6.1911, 25.8206
Hunter-Lab	20.8857, 11.7331, 5.4406

# Details

The Hex color **592F2F** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2F5959**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **8D5E5D**, and **2A0200** is the 20% darker color. If you saturate the color by 10%, you get **592626**, and if you desaturate by 10%, it is **593838**.

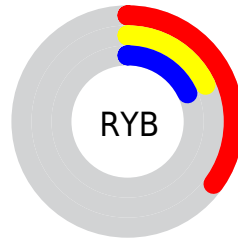
# Distribution



Red (35%)

Green (18%)

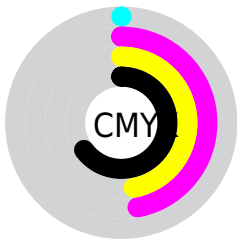
Blue (18%)



Red (35%)

Yellow (18%)

Blue (18%)

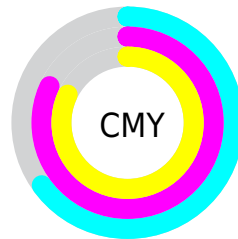


Cyan (0%)

Magenta (47%)

Yellow (47%)

Black (65%)



Cyan (65%)

Magenta (82%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 592F2F 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 592F2F by changing the saturation by 10% instead.





592F2F



592F2F

FFFFFF



40191A



8D5E5D



2A0200



A87775



000000



C4918F



E0ABA9



FDC7C5



FFE3E1

FFFFFFD



592F2F



592F2F

■ 592626

■ 593838

■ 591D1D

■ 594141

■ 591414

■ 594A4A

■ 590B0B

■ 595353

■ 590303

■ 595B5B

■ 590000

■ 596464

■ 596D6D

■ 597676

■ 597F7F

# Harmonies

## Analogous

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



572E3F



592F2F



533322

# Triad

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



592F2F



254128



1B3E5A

# Complementary

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



592F2F



2F5959

# 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.



004154



592F2F



0C4337

# Square

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



592F2F



383E1D



004347



383858

# Rectangle

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



592F2F



4C371D



004347



0D3F59



# Sweetspot

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



592F2F



736363



592F59



3B3131



BABABA



3B3B3B



# Same Dimension

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



592F2F



733131



59442F



2B2727



6B0000



EB0000



# Inverse Universe

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



2F5959



317373



2F4459



272B2B



006B6B

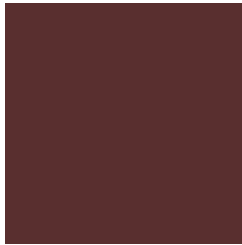


00EBEB



# Previews

## White Background



This preview shows how the Hex color 592F2F looks on a white background.

## Color Contrast Check

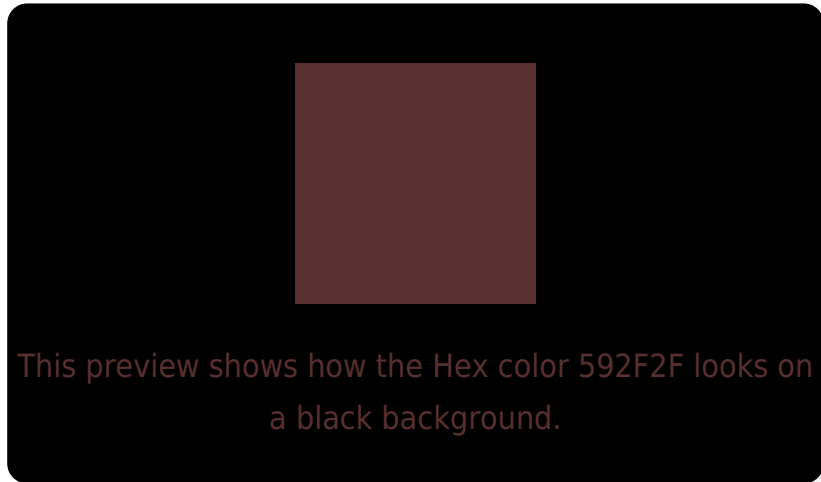
Large Text (above 18pt) WCAG AA ✓ Pass

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

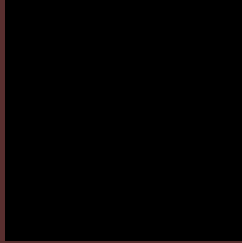
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 592F2F Background



This preview shows how black text looks on a background with the Hex color 592F2F.



This preview shows how white text looks on a background with the Hex color 592F2F.

# 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**  
592F2F

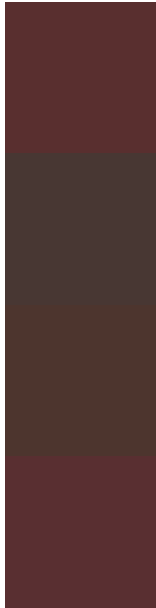
**Protanopia**  
3E3B35

**Deuteranopia**  
46392D



**Tritanopia**  
592F32

# Trichromacy



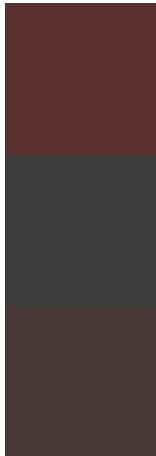
**Original Color**  
592F2F

**Protanomaly**  
483733

**Deuteranomaly**  
4D352E

**Tritanomaly**  
592F31

# Monochromacy



**Original Color**  
592F2F

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
473737

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 592F2F 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 #592F2F looks like.

```
.text, #text, p{  
    color:#592F2F  
}
```

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 #592F2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #592F2F
}
```

## Border

The CSS property to change the border of an element to Hex 592F2F is called "border". The border property can be set on classes, ids or directly on the HTML element.

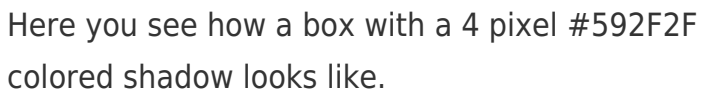
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#592F2F }
```

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

```
.border{ border-color:#592F2F }
```

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



Here you see how a box with a 4 pixel #592F2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #592F2F; -webkit-box-shadow:4px 4px  
4px 4px #592F2F; box-shadow:4px 4px 4px  
4px #592F2F }
```

# Background

The CSS property to change the background color of an element to Hex 592F2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#592F2F }
```

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

```
.background{ background-color:#592F2F }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor