

Converting Colors

Hex(562F2F)

Have a look what the booklet for
Hex(562F2F) contains.

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Color

Hex(562F2F)

Conversions

Conversions Part 1

Format	Color
Hex	562F2F
RGB	86, 47, 47
RGB Percent	34%, 18%, 18%
CMY	0.6627, 0.8157, 0.8157
CMYK	0.00, 0.45, 0.45, 0.66
HSL	0°, 29%, 26%
HSV	0°, 45%, 34%
XYZ	5.3674, 4.2167, 3.2203
YIQ	58.6610, 23.2440, 8.2680

Conversions

Conversions Part 2

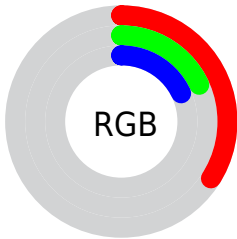
Format	Color
RYB	86, 47, 47
Decimal	5648175
CIELab	24.38, 17.80, 7.76
CIELCh	24, 19.415, 23.565
Yxy	4.2167, 0.4192, 0.3293
Android (android.graphics.Color)	4283838255 (0xFF562F2F)
YUV	58.6610, -5.7489, 23.9763
Hunter-Lab	20.5346, 10.7210, 5.0761

Details

The Hex color **562F2F** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2F5656**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **8A5E5D**, and **280100** is the 20% darker color. If you saturate the color by 10%, you get **562626**, and if you desaturate by 10%, it is **563838**.

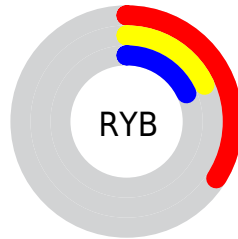
Distribution



Red (34%)

Green (18%)

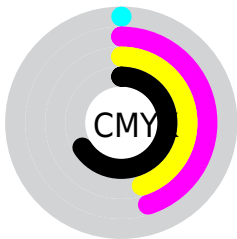
Blue (18%)



Red (34%)

Yellow (18%)

Blue (18%)

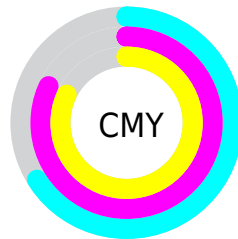


Cyan (0%)

Magenta (45%)

Yellow (45%)

Black (66%)



Cyan (66%)

Magenta (82%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 562F2F 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 562F2F by changing the saturation by 10% instead.



562F2F



562F2F

FFFFFF



3E191A



8A5E5D



280100



A47775



000000



C0908F



DCABA9



F9C6C5



FFE3E1

FFFFFFD



562F2F



562F2F

■ 562626

■ 563838

■ 561E1E

■ 564040

■ 561515

■ 564949

■ 560D0D

■ 565151

■ 560404

■ 565A5A

■ 560000

■ 566363

■ 566B6B

■ 567474

■ 567C7C

Harmonies

Analogous

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



542F3E



562F2F



513323

Triad

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



562F2F



274028



1D3C57

Complementary

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



562F2F



2F5656

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.



004051



562F2F



114136

Square

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



562F2F



383D1F



004145



373755

Rectangle

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



562F2F



4A361E



004145



133E56

Sweetspot

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



562F2F



706060



562F56



382F2F



B8B8B8



383838

Same Dimension

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



562F2F



703434



56432F



2B2727



6B0000



EB0000

Inverse Universe

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



2F5656



347070



2F4356



272B2B



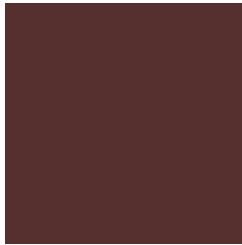
006B6B



00EBEB

Previews

White Background



This preview shows how the Hex color 562F2F looks on a white background.

Color Contrast Check

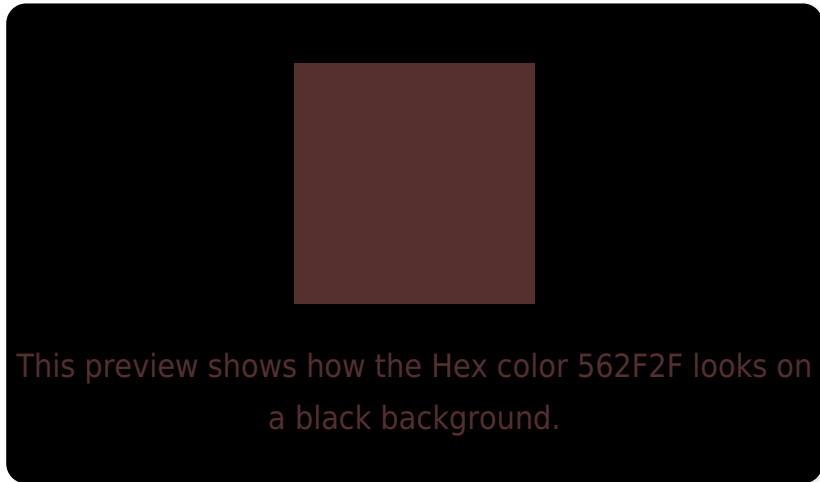
Large Text (above 18pt) WCAG AA ✓ Pass

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

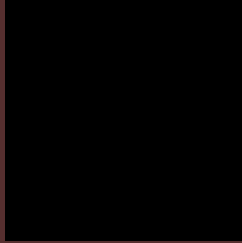
Any Text WCAG AA × Fail

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 562F2F Background



This preview shows how black text looks on a background with the Hex color 562F2F.



This preview shows how white text looks on a background with the Hex color 562F2F.

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
562F2F

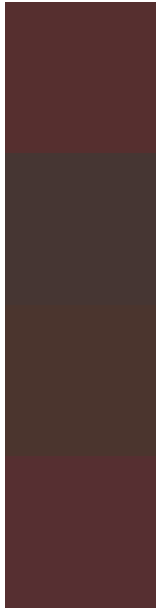
Protanopia
3D3A35

Deuteranopia
44382D



Tritanopia
562F32

Trichromacy



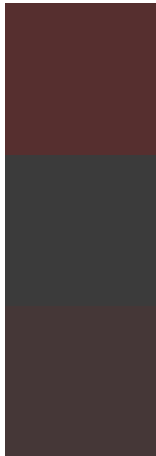
Original Color
562F2F

Protanomaly
463633

Deuteranomaly
4B352E

Tritanomaly
562F31

Monochromacy



Original Color
562F2F

Achromatopsia
3B3B3B

Achromatomaly
453737

CSS Examples

Text

The CSS property to change the color of the text to Hex 562F2F 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 #562F2F looks like.

```
.text, #text, p{  
    color:#562F2F  
}
```

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 #562F2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #562F2F
}
```

Border

The CSS property to change the border of an element to Hex 562F2F is called "border". The border property can be set on classes, ids or directly on the HTML element.

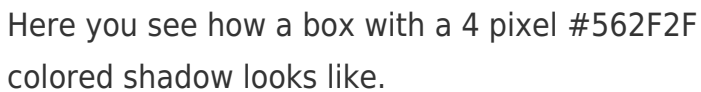
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#562F2F }
```

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

```
.border{ border-color:#562F2F }
```

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



Here you see how a box with a 4 pixel #562F2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #562F2F; -webkit-box-shadow:4px 4px  
4px 4px #562F2F; box-shadow:4px 4px 4px  
4px #562F2F }
```

Background

The CSS property to change the background color of an element to Hex 562F2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#562F2F }
```

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

```
.background{ background-color:#562F2F }
```

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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