

Converting Colors

Hex(572B31)

Have a look what the booklet for
Hex(572B31) contains.

Hex(572B31)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(572B31)

Conversions

Conversions Part 1

Format	Color
Hex	572B31
RGB	87, 43, 49
RGB Percent	34%, 17%, 19%
CMY	0.6588, 0.8314, 0.8078
CMYK	0.00, 0.51, 0.44, 0.66
HSL	352°, 34%, 25%
HSV	352°, 51%, 34%
XYZ	5.3487, 3.9757, 3.3912
YIQ	56.8400, 24.2980, 11.1940

Conversions

Conversions Part 2

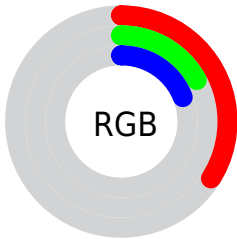
Format	Color
RYB	87, 43, 49
Decimal	5712689
CIELab	23.59, 20.95, 5.33
CIELCh	24, 21.623, 14.284
Yxy	3.9757, 0.4206, 0.3127
Android (android.graphics.Color)	4283902769 (0xFF572B31)
YUV	56.8400, -3.8651, 26.4503
Hunter-Lab	19.9393, 12.9892, 3.8736

Details

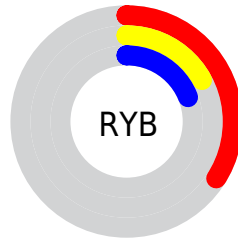
The Hex color **572B31** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2B5751**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **8B5A5F**, and **290001** is the 20% darker color. If you saturate the color by 10%, you get **572229**, and if you desaturate by 10%, it is **573439**.

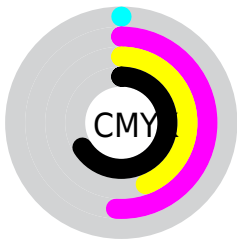
Distribution



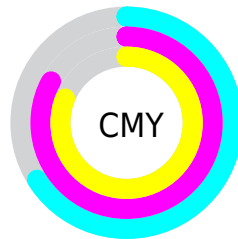
- Red (34%)
- Green (17%)
- Blue (19%)



- Red (34%)
- Yellow (17%)
- Blue (19%)



- Cyan (0%)
- Magenta (51%)
- Yellow (44%)
- Black (66%)



- Cyan (66%)
- Magenta (83%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 572B31 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 572B31 by changing the saturation by 10% instead.

■ 572B31

■ 572B31

FFFFFF

■ 3E151C

■ 8B5A5F

■ 290001

■ A67378

■ 000000

■ C18C91

■ DEA7AC

■ FBC2C7

■ FFDEE3

■ FFFBFF

■ 572B31

■ 572B31

■ 572229

■ 573439

■ 571A22

■ 573C40

■ 57111A

■ 574548

■ 570813

■ 574E4F

■ 57000C

■ 575757

■ 575F5E

■ 576866

■ 57716D

■ 577975

Harmonies

Analogous

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



522C41



572B31



542F22

Triad

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



572B31



283E20



043C57

Complementary

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



572B31



2B5751

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.



003F4E



572B31



10402F

Square

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



572B31



3B3A18



004140



2C3757

Rectangle

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



572B31



4D321B



004140



003E55

Sweetspot

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



572B31



705F62



502B57



382E2F



B8B8B8



383838

Same Dimension

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



572B31



702C35



573A2B



2B2728



6B000F



EB0020

Inverse Universe

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



572B31



702C35



2B4857



2B2728



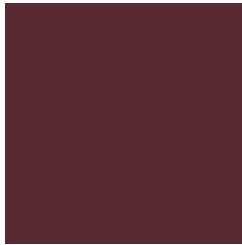
6B000F



EB0020

Previews

White Background



This preview shows how the Hex color 572B31 looks on a white background.

Color Contrast Check

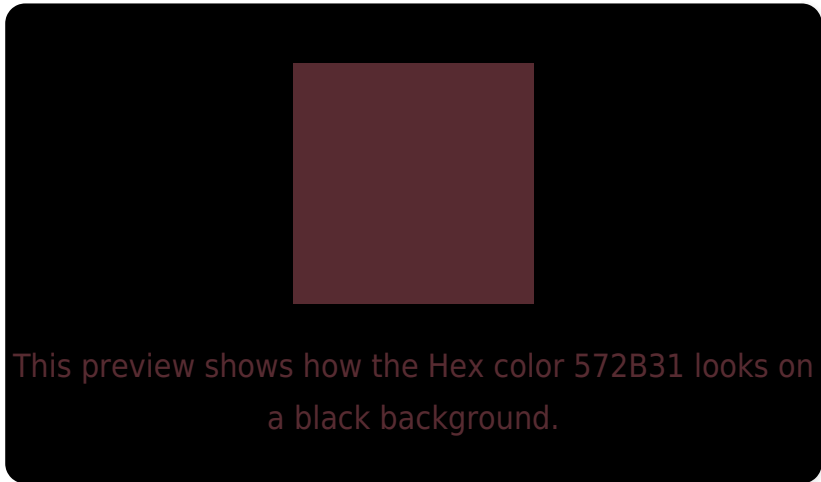
Large Text (above 18pt) WCAG AA ✓ Pass

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

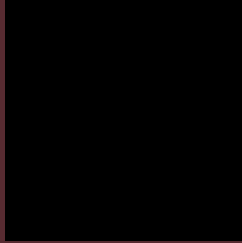
Any Text WCAG AA × Fail

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 572B31 Background



This preview shows how black text looks on a background with the Hex color 572B31.

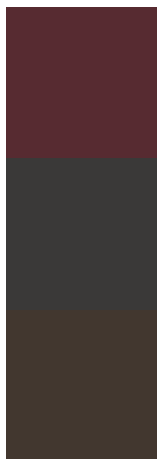


This preview shows how white text looks on a background with the Hex color 572B31.

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
572B31

Protanopia
3A3938

Deuteranopia
42372F



Tritanopia
572B2E

Trichromacy



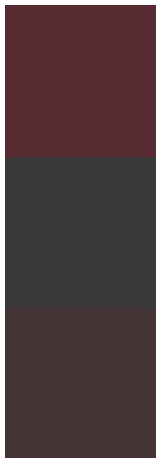
Original Color
572B31

Protanomaly
453435

Deuteranomaly
4A3330

Tritanomaly
572B2F

Monochromacy



Original Color
572B31

Achromatopsia
393939

Achromatomaly
443436

CSS Examples

Text

The CSS property to change the color of the text to Hex 572B31 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 #572B31 looks like.

```
.text, #text, p{  
    color:#572B31  
}
```

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 #572B31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #572B31
}
```

Border

The CSS property to change the border of an element to Hex 572B31 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".

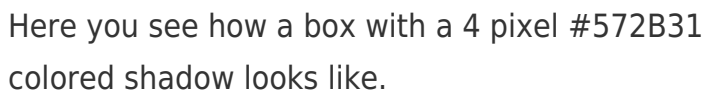
```
.border, #border, table{ border:4px solid
#572B31 }
```

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

```
.border{ border-color:#572B31 }
```

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

Here you see how a box with a 4 pixel #572B31 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #572B31; -webkit-box-shadow:4px 4px  
4px 4px #572B31; box-shadow:4px 4px 4px  
4px #572B31 }
```

Background

The CSS property to change the background color of an element to Hex 572B31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#572B31 }
```

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

```
.background{ background-color:#572B31 }
```

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