

# Converting Colors

Hex(572E30)

Have a look what the booklet for  
Hex(572E30) contains.

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# Color

**Hex(572E30)**

# Conversions

## Conversions Part 1

Format	Color
Hex	572E30
RGB	87, 46, 48
RGB Percent	34%, 18%, 19%
CMY	0.6588, 0.8196, 0.8118
CMYK	0.00, 0.47, 0.45, 0.66
HSL	357°, 31%, 26%
HSV	357°, 47%, 34%
XYZ	5.4410, 4.1936, 3.3190
YIQ	58.4870, 23.7940, 9.3140

# Conversions

## Conversions Part 2

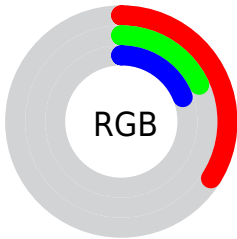
<b>Format</b>	<b>Color</b>
<b>RYB</b>	87, 46, 48
Decimal	5713456
CIELab	24.30, 18.99, 7.01
CIELCh	24, 20.240, 20.263
Yxy	4.1936, 0.4200, 0.3237
Android (android.graphics.Color)	4283903536 (0xFF572E30)
YUV	58.4870, -5.1701, 25.0059
Hunter-Lab	20.4783, 11.5893, 4.7255

# Details

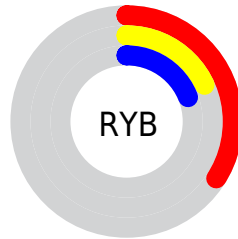
The Hex color **572E30** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2E5755**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **8B5D5E**, and **290000** is the 20% darker color. If you saturate the color by 10%, you get **572528**, and if you desaturate by 10%, it is **573738**.

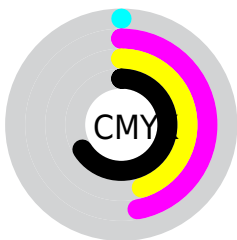
# Distribution



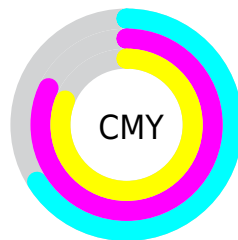
- Red (34%)
- Green (18%)
- Blue (19%)



- Red (34%)
- Yellow (18%)
- Blue (19%)



- Cyan (0%)
- Magenta (47%)
- Yellow (45%)
- Black (66%)



- Cyan (66%)
- Magenta (82%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 572E30 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 572E30 by changing the saturation by 10% instead.



 572E30

 572E30

FFFFFF

 3E181B

 8B5D5E

 290000

 A67677

 000000

 C18F90

 DEAAAB

 FBC5C6

 FFE2E2

FFFEFF

 572E30

 572E30

■ 572528

■ 573738

■ 571D1F

■ 573F41

■ 571417

■ 574849

■ 570B0F

■ 575151

■ 570207

■ 575A59

■ 570004

■ 576262

■ 576B6A

■ 577472

■ 577C7A

# Harmonies

## Analogous

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



542E3F



572E30



523223

# Triad

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



572E30



274026



173D58

# Complementary

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



572E30



2E5755

# 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



572E30



114134

# Square

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



572E30



393C1C



004244



343856

# Rectangle

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



572E30



4C351D



004244



0A3E56



# Sweetspot

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



572E30



706061



552E57



382F2F



B8B8B8



383838



# Same Dimension

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



572E30



703033



57402E



2B2727



6B0005



EB000B



# Inverse Universe

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



572E30



703033



2E4557



2B2727



6B0005

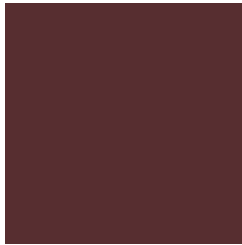


EB000B



# Previews

## White Background



This preview shows how the Hex color 572E30 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

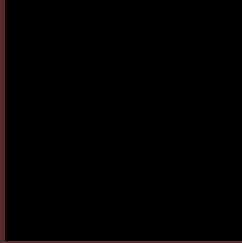
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 572E30 Background



This preview shows how black text looks on a background with the Hex color 572E30.



This preview shows how white text looks on a background with the Hex color 572E30.

# 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**  
572E30

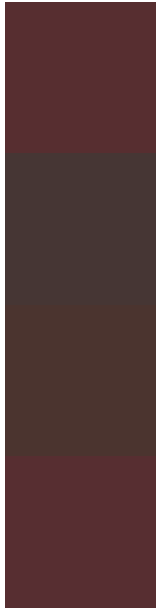
**Protanopia**  
3C3A36

**Deuteranopia**  
44382E



**Tritanopia**  
572E31

# Trichromacy



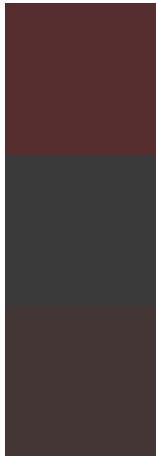
**Original Color**  
572E30

**Protanomaly**  
463634

**Deuteranomaly**  
4B342F

**Tritanomaly**  
572E31

# Monochromacy



**Original Color**  
572E30

**Achromatopsia**  
3A3A3A

**Achromatomaly**  
453636

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 572E30 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 #572E30 looks like.

```
.text, #text, p{  
    color:#572E30  
}
```

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 #572E30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #572E30
}
```

## Border

The CSS property to change the border of an element to Hex 572E30 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".

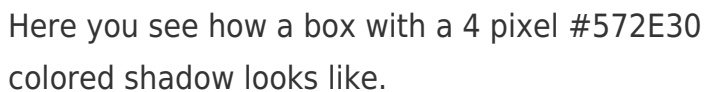
```
.border, #border, table{ border:4px solid
#572E30 }
```

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

```
.border{ border-color:#572E30 }
```

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

Here you see how a box with a 4 pixel #572E30 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is visible on the right and bottom edges of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #572E30 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #572E30; -webkit-box-shadow:4px 4px  
4px 4px #572E30; box-shadow:4px 4px 4px  
4px #572E30 }
```

# Background

The CSS property to change the background color of an element to Hex 572E30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#572E30 }
```

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

```
.background{ background-color:#572E30 }
```

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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