

# Converting Colors

Hex(5E2828)

Have a look what the booklet for  
Hex(5E2828) contains.

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# Color

**Hex(5E2828)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5E2828
RGB	94, 40, 40
RGB Percent	37%, 16%, 16%
CMY	0.6314, 0.8431, 0.8431
CMYK	0.00, 0.57, 0.57, 0.63
HSL	0°, 40%, 26%
HSV	0°, 57%, 37%
XYZ	5.7579, 4.0505, 2.4858
YIQ	56.1460, 32.1840, 11.4480

# Conversions

## Conversions Part 2

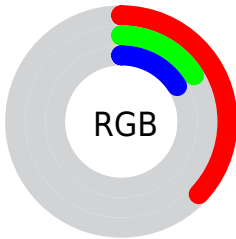
<b>Format</b>	<b>Color</b>
<b>RYB</b>	94, 40, 40
Decimal	6170664
CIELab	23.84, 24.66, 11.95
CIELCh	24, 27.400, 25.854
Yxy	4.0505, 0.4683, 0.3295
Android (android.graphics.Color)	4284360744 (0xFF5E2828)
YUV	56.1460, -7.9600, 33.1980
Hunter-Lab	20.1258, 15.8479, 6.7649

# Details

The Hex color **5E2828** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **285E5E**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **935755**, and **2D0000** is the 20% darker color. If you saturate the color by 10%, you get **5E1F1F**, and if you desaturate by 10%, it is **5E3131**.

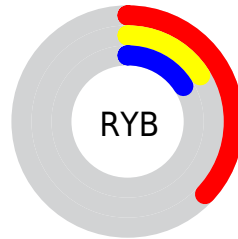
# Distribution



Red (37%)

Green (16%)

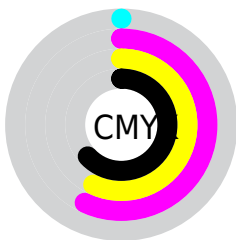
Blue (16%)



Red (37%)

Yellow (16%)

Blue (16%)

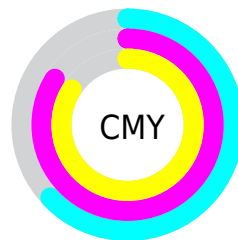


Cyan (0%)

Magenta (57%)

Yellow (57%)

Black (63%)



Cyan (63%)

Magenta (84%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E2828 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 5E2828 by changing the saturation by 10% instead.





5E2828



5E2828

FFFFFF



441114



935755



2D0000



AF706D



000000



CB8A87



E8A4A1



FFC0BC



FFDCD7



FFF8F4



5E2828



5E2828

■ 5E1F1F

■ 5E3131

■ 5E1515

■ 5E3B3B

■ 5E0C0C

■ 5E4444

■ 5E0202

■ 5E4E4E

■ 5E0000

■ 5E5757

■ 5E6060

■ 5E6A6A

■ 5E7373

■ 5E7D7D

# Harmonies

## Analogous

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



5C273C



5E2828



562F17

# Triad

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



5E2828



184121



003C62

# Complementary

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



5E2828



285E5E

# 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.



00415A



5E2828



004335

# Square

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



5E2828



323D11



00434A



35345E

# Rectangle

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



5E2828



4C340F



00434A



003E60



# Sweetspot

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



5E2828



7A6666



5E285E



3D3131



BDBDBD



3D3D3D



# Same Dimension

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



5E2828



7A2626



5E4328



2E2929



6E0000



ED0000



# Inverse Universe

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



285E5E



267A7A



28435E



292E2E



006E6E

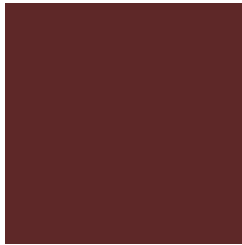


00EDED



# Previews

## White Background



This preview shows how the Hex color 5E2828 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

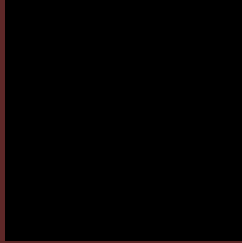
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5E2828 Background



This preview shows how black text looks on a background with the Hex color 5E2828.



This preview shows how white text looks on a background with the Hex color 5E2828.

# 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**  
5E2828

**Protanopia**  
3D3930

**Deuteranopia**  
453725



**Tritanopia**  
5E282A

# Trichromacy



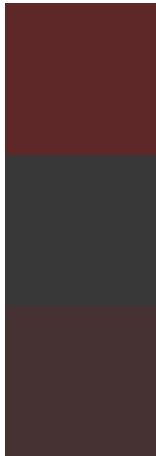
**Original Color**  
5E2828

**Protanomaly**  
49332D

**Deuteranomaly**  
4E3226

**Tritanomaly**  
5E2829

# Monochromacy



**Original Color**  
5E2828

**Achromatopsia**  
383838

**Achromatomaly**  
463232

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E2828 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 #5E2828 looks like.

```
.text, #text, p{  
    color:#5E2828  
}
```

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 #5E2828 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E2828
}
```

## Border

The CSS property to change the border of an element to Hex 5E2828 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".

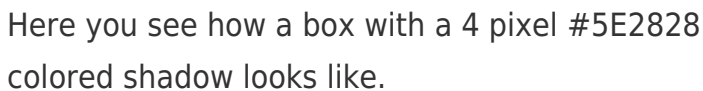
```
.border, #border, table{ border:4px solid
#5E2828 }
```

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

```
.border{ border-color:#5E2828 }
```

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

Here you see how a box with a 4 pixel #5E2828 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E2828; -webkit-box-shadow:4px 4px  
4px 4px #5E2828; box-shadow:4px 4px 4px  
4px #5E2828 }
```

# Background

The CSS property to change the background color of an element to Hex 5E2828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E2828 }
```

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

```
.background{ background-color:#5E2828 }
```

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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