

# Converting Colors

Hex(582B37)

Have a look what the booklet for  
Hex(582B37) contains.

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**Color**

**Hex(582B37)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	582B37
RGB	88, 43, 55
RGB Percent	35%, 17%, 22%
CMY	0.6549, 0.8314, 0.7843
CMYK	0.00, 0.51, 0.37, 0.65
HSL	344°, 34%, 26%
HSV	344°, 51%, 35%
XYZ	5.5780, 4.0783, 4.1076
YIQ	57.8230, 22.9680, 13.2720

# Conversions

## Conversions Part 2

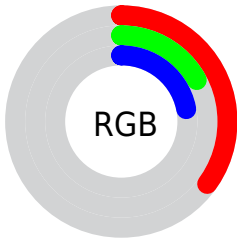
<b>Format</b>	<b>Color</b>
<b>RYB</b>	88, 43, 55
Decimal	5778231
CIELab	23.93, 22.20, 1.77
CIELCh	24, 22.268, 4.547
Yxy	4.0783, 0.4053, 0.2963
Android (android.graphics.Color)	4283968311 (0xFF582B37)
YUV	57.8230, -1.3917, 26.4652
Hunter-Lab	20.1948, 13.9623, 2.0767

# Details

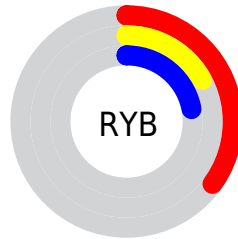
The Hex color **582B37** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2B584C**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **8C5A66**, and **2A000B** is the 20% darker color. If you saturate the color by 10%, you get **582231**, and if you desaturate by 10%, it is **58343D**.

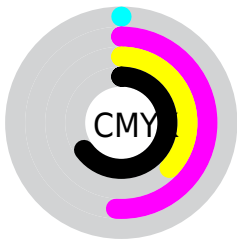
# Distribution



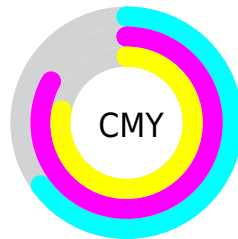
- Red (35%)
- Green (17%)
- Blue (22%)



- Red (35%)
- Yellow (17%)
- Blue (22%)



- Cyan (0%)
- Magenta (51%)
- Yellow (37%)
- Black (65%)



- Cyan (65%)
- Magenta (83%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 582B37 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 582B37 by changing the saturation by 10% instead.



 582B37

 582B37

FFFFFF

 3F1522

 8C5A66

 2A000B

 A7737F

 000000

 C28D99

 DFA7B3

 FCC3CF

 FFD FEB

 FFFBFF

 582B37

 582B37

■ 582231

■ 58343D

■ 58192A

■ 583D44

■ 581124

■ 58454A

■ 58081D

■ 584E51

■ 580017

■ 585757

■ 58605E

■ 586964

■ 58716B

■ 587A71

# Harmonies

## Analogous

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



502E48



582B37



572D27

# Triad

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



582B37



2F3D1C



003E57

# Complementary

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



582B37



2B584C

# 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.



00414B



582B37



19402A

# Square

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



582B37



413917



00423B



223A5A

# Rectangle

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



582B37



52311E



00423B



004054



# Sweetspot

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



582B37



736266



4C2B58



3B3033



BABABA



3B3B3B



# Same Dimension

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



582B37



732D3F



58352B



2B2728



6B001D



EB003F



# Inverse Universe

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



582B37



732D3F



2B4E58



2B2728



6B001D

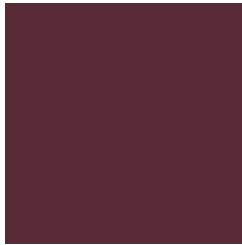


EB003F



# Previews

## White Background



This preview shows how the Hex color 582B37 looks on a white background.

## Color Contrast Check

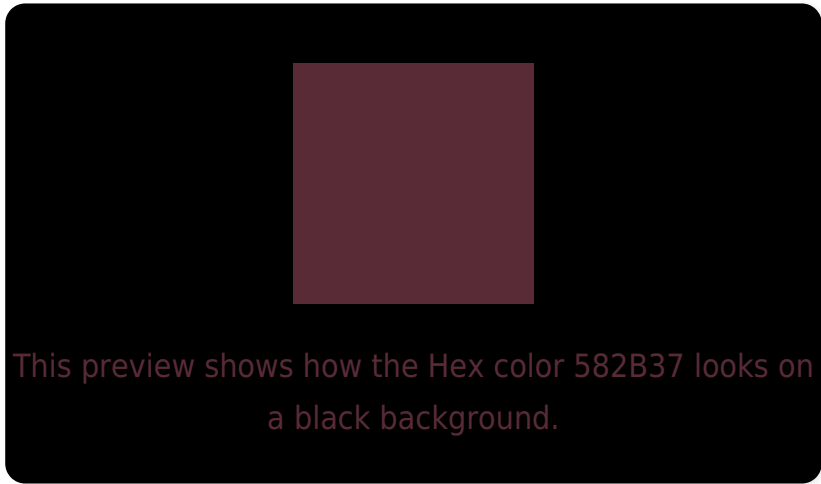
Large Text (above 18pt) WCAG AA ✓ Pass

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

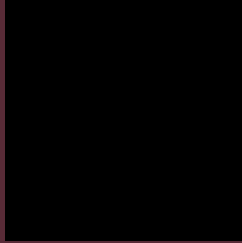
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 582B37 Background



This preview shows how black text looks on a background with the Hex color 582B37.



This preview shows how white text looks on a background with the Hex color 582B37.

# 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**  
582B37

**Protanopia**  
39393F

**Deuteranopia**  
413835



**Tritanopia**  
572C30

# Trichromacy



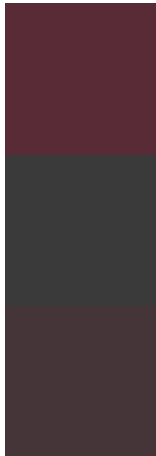
**Original Color**  
582B37

**Protanomaly**  
44343C

**Deuteranomaly**  
493336

**Tritanomaly**  
572C33

# Monochromacy



**Original Color**  
582B37

**Achromatopsia**  
3A3A3A

**Achromatomaly**  
453539

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 582B37 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 #582B37 looks like.

```
.text, #text, p{  
    color:#582B37  
}
```

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 #582B37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #582B37
}
```

## Border

The CSS property to change the border of an element to Hex 582B37 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".

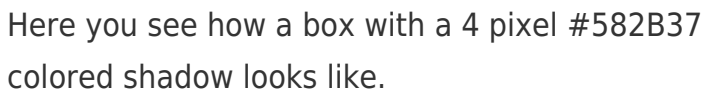
```
.border, #border, table{ border:4px solid
#582B37 }
```

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

```
.border{ border-color:#582B37 }
```

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

Here you see how a box with a 4 pixel #582B37 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. Below the box, there is a thick dark red shadow that is 4 pixels wide and 4 pixels high, extending to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #582B37; -webkit-box-shadow:4px 4px  
4px 4px #582B37; box-shadow:4px 4px 4px  
4px #582B37 }
```

# Background

The CSS property to change the background color of an element to Hex 582B37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#582B37 }
```

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

```
.background{ background-color:#582B37 }
```

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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