

Converting Colors

Hex(582217)

Have a look what the booklet for
Hex(582217) contains.

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Color

Hex(582217)

Conversions

Conversions Part 1

Format	Color
Hex	582217
RGB	88, 34, 23
RGB Percent	35%, 13%, 9%
CMY	0.6549, 0.8667, 0.9098
CMYK	0.00, 0.61, 0.74, 0.65
HSL	10°, 59%, 22%
HSV	10°, 74%, 35%
XYZ	4.7512, 3.2806, 1.1934
YIQ	48.8920, 35.7150, 8.0270

Conversions

Conversions Part 2

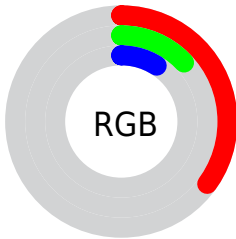
Format	Color
RYB	88, 36, 23
Decimal	5775895
CIELab	21.13, 24.12, 19.60
CIELCh	21, 31.082, 39.090
Yxy	3.2806, 0.5150, 0.3556
Android (android.graphics.Color)	4283965975 (0xFF582217)
YUV	48.8920, -12.7648, 34.2977
Hunter-Lab	18.1125, 15.1264, 8.7722

Details

The Hex color **582217** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **174D58**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **8E5142**, and **280000** is the 20% darker color. If you saturate the color by 10%, you get **581B0E**, and if you desaturate by 10%, it is **582920**.

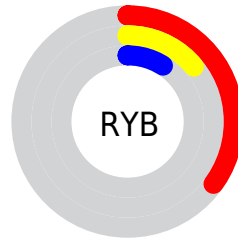
Distribution



 Red (35%)

 Green (13%)

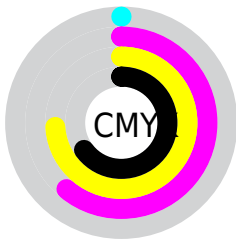
 Blue (9%)



 Red (35%)

 Yellow (14%)

 Blue (9%)

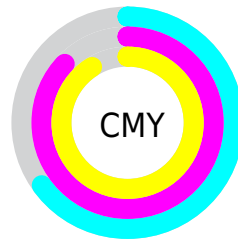


 Cyan (0%)

 Magenta (61%)

 Yellow (74%)

 Black (65%)



 Cyan (65%)

 Magenta (87%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 582217 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 582217 by changing the saturation by 10% instead.

 582217

 582217

 FFFFFA

 3F0B00

 8E5142

 280000

 AA695A

 000000

 C68372

 E39D8C

 FFB8A6

 FFD4C1

 FFF0DD

 582217

 582217

■ 581B0E

■ 582920

■ 581305

■ 583129

■ 580F00

■ 583831

■ 583F3A

■ 584743

■ 584E4C

■ 585555

■ 585C5D

■ 586466

Harmonies

Analogous

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



5C1C2D



582217



4B2C03

Triad

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



582217



003C21



083360

Complementary

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



582217



174D58

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.



003A5D



582217



003E39

Square

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



582217



1F390C



003D4F



3D2A57

Rectangle

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



582217



3F3100



003D4F



003661

Sweetspot

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



582217



735E5A



58174D



3B2E2B



BABABA



3B3B3B

Same Dimension

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



582217



731E0D



584217



2B2827



6B1200



EB2800

Inverse Universe

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



174D58



0D6173



172D58



272B2B



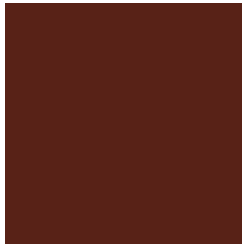
00596B



00C3EB

Previews

White Background



This preview shows how the Hex color 582217 looks on a white background.

Color Contrast Check

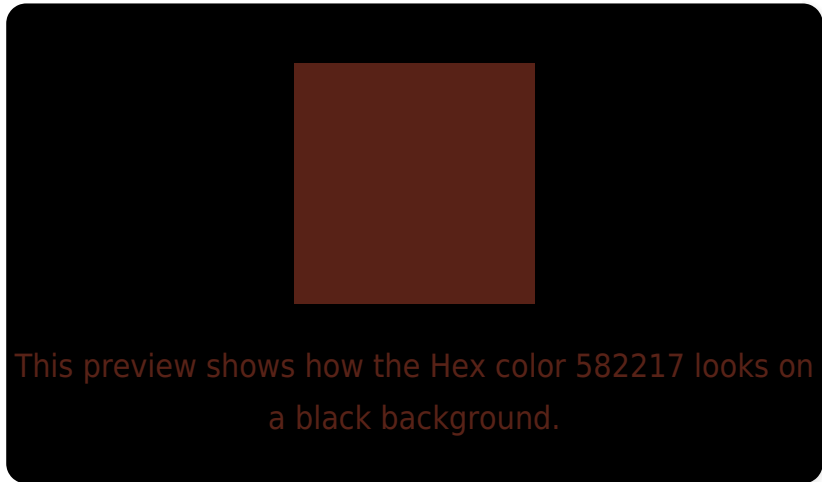
Large Text (above 18pt) WCAG AA ✓ Pass

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

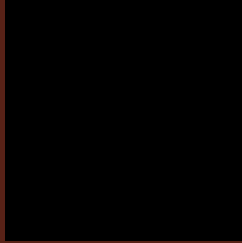
Any Text WCAG AA × Fail

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 582217 Background



This preview shows how black text looks on a background with the Hex color 582217.

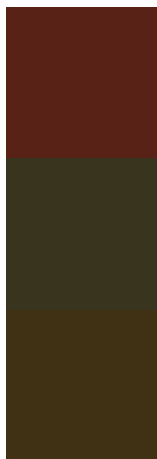


This preview shows how white text looks on a background with the Hex color 582217.

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
582217

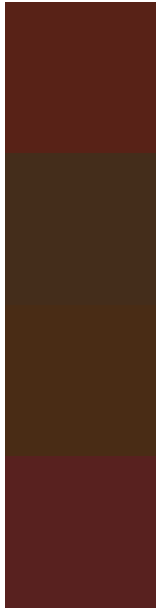
Protanopia
39341D

Deuteranopia
413114



Tritanopia
582123

Trichromacy



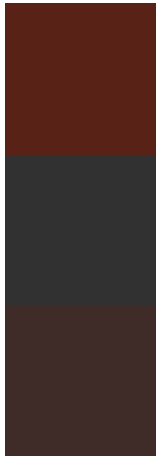
Original Color
582217

Protanomaly
442D1B

Deuteranomaly
492C15

Tritanomaly
58211F

Monochromacy



Original Color
582217

Achromatopsia
313131

Achromatomaly
3F2C28

CSS Examples

Text

The CSS property to change the color of the text to Hex 582217 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 #582217 looks like.

```
.text, #text, p{  
    color:#582217  
}
```

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 #582217 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #582217
}
```

Border

The CSS property to change the border of an element to Hex 582217 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".

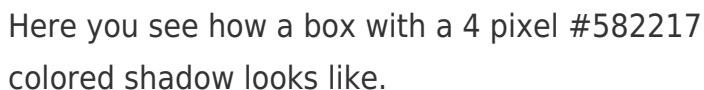
```
.border, #border, table{ border:4px solid
#582217 }
```

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

```
.border{ border-color:#582217 }
```

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

Here you see how a box with a 4 pixel #582217 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 #582217; -webkit-box-shadow:4px 4px  
4px 4px #582217; box-shadow:4px 4px 4px  
4px #582217 }
```

Background

The CSS property to change the background color of an element to Hex 582217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#582217 }
```

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

```
.background{ background-color:#582217 }
```

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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