

Converting Colors

Hex(582B17)

Have a look what the booklet for
Hex(582B17) contains.

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Color

Hex(582B17)

Conversions

Conversions Part 1

Format	Color
Hex	582B17
RGB	88, 43, 23
RGB Percent	35%, 17%, 9%
CMY	0.6549, 0.8314, 0.9098
CMYK	0.00, 0.51, 0.74, 0.65
HSL	18°, 59%, 22%
HSV	18°, 74%, 35%
XYZ	5.0430, 3.8643, 1.2907
YIQ	54.1750, 33.2400, 3.3200

Conversions

Conversions Part 2

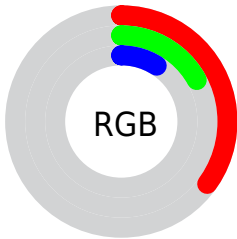
Format	Color
RYB	88, 52, 23
Decimal	5778199
CIELab	23.22, 18.84, 22.01
CIElCh	23, 28.976, 49.441
Yxy	3.8643, 0.4945, 0.3789
Android (android.graphics.Color)	4283968279 (0xFF582B17)
YUV	54.1750, -15.3693, 29.6645
Hunter-Lab	19.6579, 11.3911, 9.8676

Details

The Hex color **582B17** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **174458**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **8D5943**, and **270000** is the 20% darker color. If you saturate the color by 10%, you get **58250E**, and if you desaturate by 10%, it is **583120**.

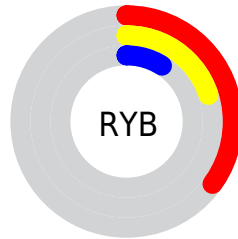
Distribution



 Red (35%)

 Green (17%)

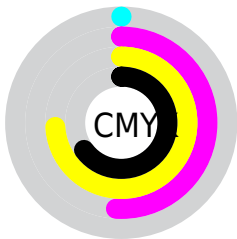
 Blue (9%)




 Red (35%)

 Yellow (20%)

 Blue (9%)

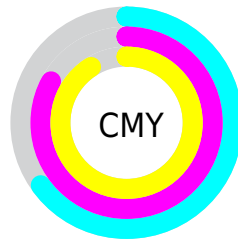


 Cyan (0%)

 Magenta (51%)

 Yellow (74%)

 Black (65%)



 Cyan (65%)

 Magenta (83%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 582B17 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 582B17 by changing the saturation by 10% instead.

 582B17

 582B17

 FFFFFB

 3F1500

 8D5943

 270000

 A9725A

 000000

 C58C73

 E2A68D

 FFC2A7

 FFDEC2

 FFFADE

 582B17

 582B17

■ 58250E

■ 583120

■ 581F05

■ 583729

■ 581B00

■ 583D31

■ 58433A

■ 584943

■ 58504C

■ 585655

■ 585C5D

■ 586266

Harmonies

Analogous

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



5F242A



582B17



49340A

Triad

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



582B17



00412F



2A3560

Complementary

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



582B17



174458

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.



003C62



582B17



004245

Square

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



582B17



1B3F1A



004058



4A2C54

Rectangle

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



582B17



3C3808



004058



193762

Sweetspot

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



582B17



73615A



581745



3B302B



BABABA



3B3B3B

Same Dimension

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



582B17



732C0D



584B17



2B2827



6B2100



EB4800

Inverse Universe

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



174458



0D5373



172458



272A2B



004A6B



00A2EB

Previews

White Background



This preview shows how the Hex color 582B17 looks on a white background.

Color Contrast Check

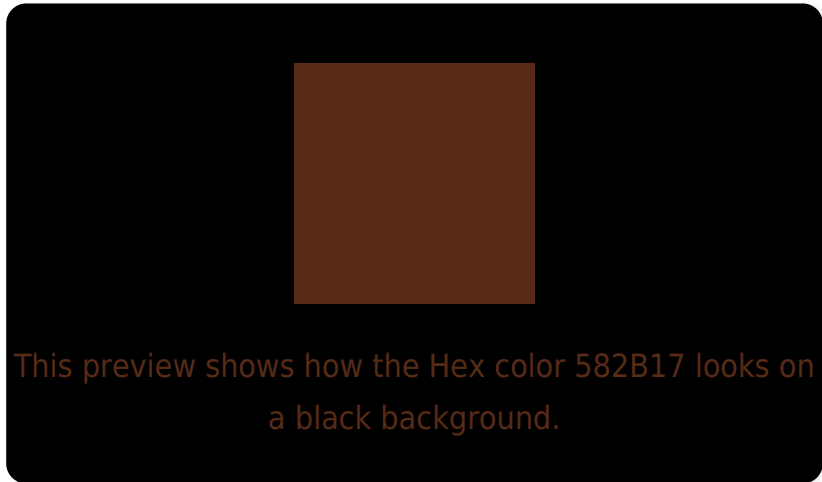
Large Text (above 18pt) WCAG AA ✓ Pass

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

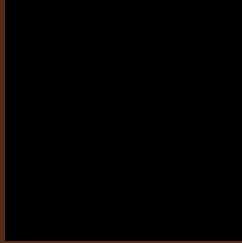
Any Text WCAG AA × Fail

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 582B17 Background



This preview shows how black text looks on a background with the Hex color 582B17.



This preview shows how white text looks on a background with the Hex color 582B17.

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
582B17

Protanopia
3E381B

Deuteranopia
463514



Tritanopia
59292B

Trichromacy



Original Color
582B17

Protanomaly
47331A

Deuteranomaly
4D3115

Tritanomaly
592A24

Monochromacy



Original Color
582B17

Achromatopsia
363636

Achromatomaly
42322B

CSS Examples

Text

The CSS property to change the color of the text to Hex 582B17 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 #582B17 looks like.

```
.text, #text, p{  
    color:#582B17  
}
```

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 #582B17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #582B17
}
```

Border

The CSS property to change the border of an element to Hex 582B17 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".

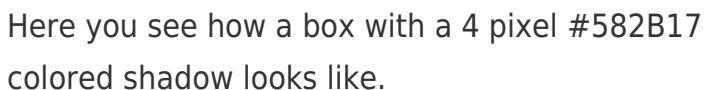
```
.border, #border, table{ border:4px solid
#582B17 }
```

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

```
.border{ border-color:#582B17 }
```

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

Here you see how a box with a 4 pixel #582B17 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #582B17; -webkit-box-shadow:4px 4px  
4px 4px #582B17; box-shadow:4px 4px 4px  
4px #582B17 }
```

Background

The CSS property to change the background color of an element to Hex 582B17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#582B17 }
```

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

```
.background{ background-color:#582B17 }
```

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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