

Converting Colors

Hex(582B1A)

Have a look what the booklet for
Hex(582B1A) contains.

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Color

Hex(582B1A)

Conversions

Conversions Part 1

Format	Color
Hex	582B1A
RGB	88, 43, 26
RGB Percent	35%, 17%, 10%
CMY	0.6549, 0.8314, 0.8980
CMYK	0.00, 0.51, 0.70, 0.65
HSL	16°, 54%, 22%
HSV	16°, 70%, 35%
XYZ	5.0748, 3.8770, 1.4582
YIQ	54.5170, 32.2770, 4.2530

Conversions

Conversions Part 2

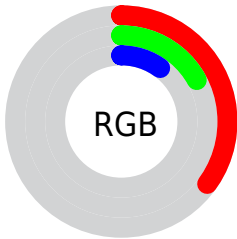
Format	Color
RYB	88, 49, 26
Decimal	5778202
CIELab	23.26, 19.05, 20.20
CIELCh	23, 27.763, 46.673
Yxy	3.8770, 0.4875, 0.3724
Android (android.graphics.Color)	4283968282 (0xFF582B1A)
YUV	54.5170, -14.0589, 29.3646
Hunter-Lab	19.6902, 11.5476, 9.3924

Details

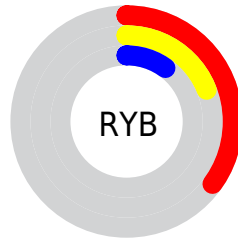
The Hex color **582B1A** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1A4758**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **8D5946**, and **270000** is the 20% darker color. If you saturate the color by 10%, you get **582511**, and if you desaturate by 10%, it is **583123**.

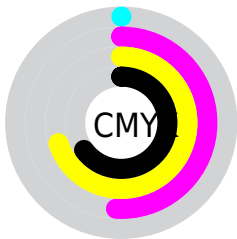
Distribution



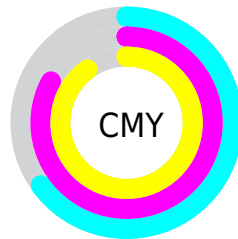
- Red (35%)
- Green (17%)
- Blue (10%)



- Red (35%)
- Yellow (19%)
- Blue (10%)



- Cyan (0%)
- Magenta (51%)
- Yellow (70%)
- Black (65%)



- Cyan (65%)
- Magenta (83%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 582B1A 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 582B1A by changing the saturation by 10% instead.

 582B1A

 582B1A

FFFFFF

 3F1500

 8D5946

 270000

 A9725D

 000000

 C58C76

 E2A690

 FFC2AB

 FFDEC6

 FFFAE2

 582B1A

 582B1A

■ 582511

■ 583123

■ 581E08

■ 58382C

■ 581800

■ 583E34

■ 58453D

■ 584B46

■ 58514F

■ 585858

■ 585E60

■ 586469

Harmonies

Analogous

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



5E252D



582B1A



4A330D

Triad

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



582B1A



00412D



27365F

Complementary

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



582B1A



1A4758

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.



003C60



582B1A



004243

Square

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



582B1A



203F1A



004055



472D54

Rectangle

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



582B1A



3E380B



004055



163861

Sweetspot

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



582B1A



73615B



581A47



3B302C



BABABA



3B3B3B

Same Dimension

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



582B1A



732C11



584A1A



2B2827



6B1D00



EB4000

Inverse Universe

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



1A4758



115873



1A2858



272A2B



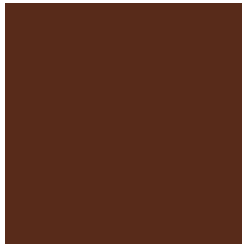
004E6B



00AAEB

Previews

White Background



This preview shows how the Hex color 582B1A looks on a white background.

Color Contrast Check

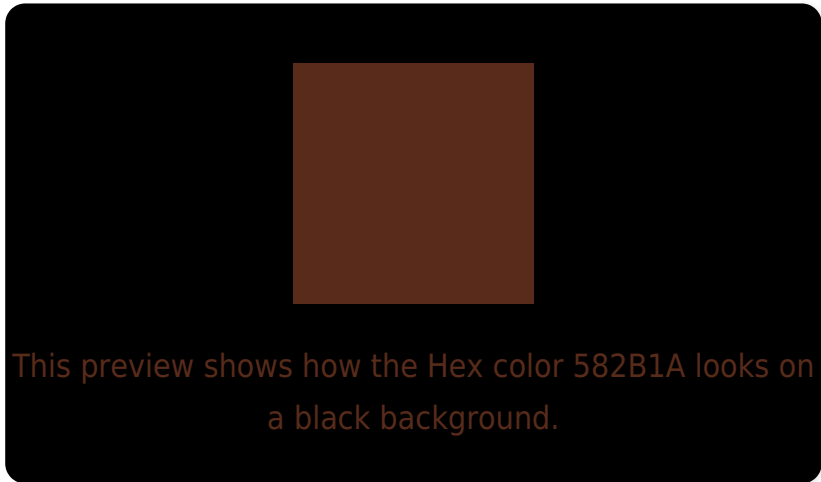
Large Text (above 18pt) WCAG AA ✓ Pass

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 582B1A Background



This preview shows how black text looks on a background with the Hex color 582B1A.

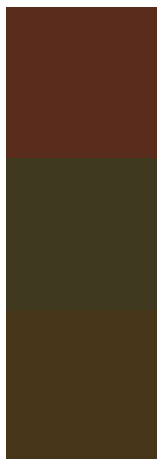


This preview shows how white text looks on a background with the Hex color 582B1A.

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
582B1A

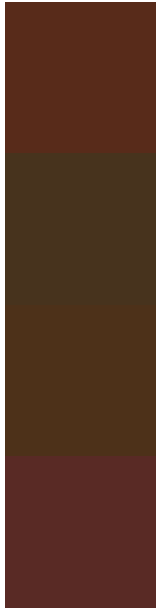
Protanopia
3E381E

Deuteranopia
463518



Tritanopia
59292C

Trichromacy



Original Color
582B1A

Protanomaly
47331D

Deuteranomaly
4D3119

Tritanomaly
592A25

Monochromacy



Original Color
582B1A

Achromatopsia
373737

Achromatomaly
43332C

CSS Examples

Text

The CSS property to change the color of the text to Hex 582B1A 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 #582B1A looks like.

```
.text, #text, p{  
    color:#582B1A  
}
```

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 #582B1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #582B1A
}
```

Border

The CSS property to change the border of an element to Hex 582B1A 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".

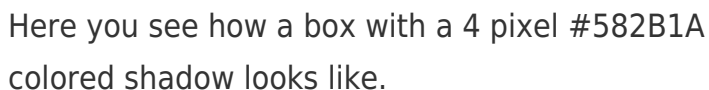
```
.border, #border, table{ border:4px solid
#582B1A }
```

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

```
.border{ border-color:#582B1A }
```

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

Here you see how a box with a 4 pixel #582B1A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #582B1A; -webkit-box-shadow:4px 4px  
4px 4px #582B1A; box-shadow:4px 4px 4px  
4px #582B1A }
```

Background

The CSS property to change the background color of an element to Hex 582B1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#582B1A }
```

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

```
.background{ background-color:#582B1A }
```

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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