

Converting Colors

Hex(581A1A)

Have a look what the booklet for
Hex(581A1A) contains.

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Color

Hex(581A1A)

Conversions

Conversions Part 1

Format	Color
Hex	581A1A
RGB	88, 26, 26
RGB Percent	35%, 10%, 10%
CMY	0.6549, 0.8980, 0.8980
CMYK	0.00, 0.70, 0.70, 0.65
HSL	0°, 54%, 22%
HSV	0°, 70%, 35%
XYZ	4.5803, 2.8881, 1.2933
YIQ	44.5380, 36.9520, 13.1440

Conversions

Conversions Part 2

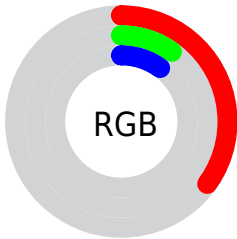
Format	Color
RYB	88, 26, 26
Decimal	5773850
CIELab	19.59, 28.55, 15.73
CIELCh	20, 32.593, 28.854
Yxy	2.8881, 0.5228, 0.3296
Android (android.graphics.Color)	4283963930 (0xFF581A1A)
YUV	44.5380, -9.1392, 38.1162
Hunter-Lab	16.9943, 18.3696, 7.3839

Details

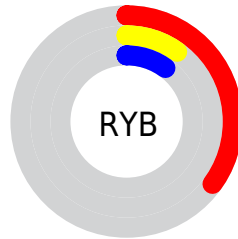
The Hex color **581A1A** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1A5858**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **8E4945**, and **280001** is the 20% darker color. If you saturate the color by 10%, you get **581111**, and if you desaturate by 10%, it is **582323**.

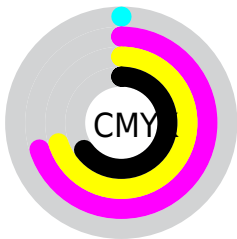
Distribution



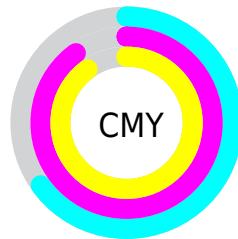
- Red (35%)
- Green (10%)
- Blue (10%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 581A1A 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 581A1A by changing the saturation by 10% instead.

 581A1A

 581A1A

FFFFFFD

 3F0100

 8E4945

 280001

 AA625D

 000000

 C77B75

 E4968F

 FFB1A9

 FFCCC5

 FFE9E1

 581A1A

 581A1A

■ 581111

■ 582323

■ 580808

■ 582C2C

■ 580000

■ 583434

■ 583D3D

■ 584646

■ 584F4F

■ 585858

■ 586060

■ 586969

Harmonies

Analogous

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



581631



581A1A



4D2402

Triad

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



581A1A



003815



00335F

Complementary

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



581A1A



1A5858

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.



003858



581A1A



003A2E

Square

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



581A1A



253500



003A46



2C2959

Rectangle

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



581A1A



432B00



003A46



00355E

Sweetspot

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



581A1A



735B5B



581A58



3B2C2C



BABABA



3B3B3B

Same Dimension

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



581A1A



731111



58391A



2B2727



6B0000



EB0000

Inverse Universe

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



1A5858



117373



1A3958



272B2B



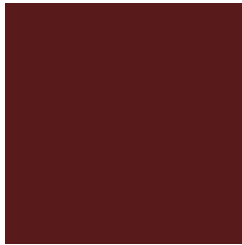
006B6B



00EBEB

Previews

White Background



This preview shows how the Hex color 581A1A looks on a white background.

Color Contrast Check

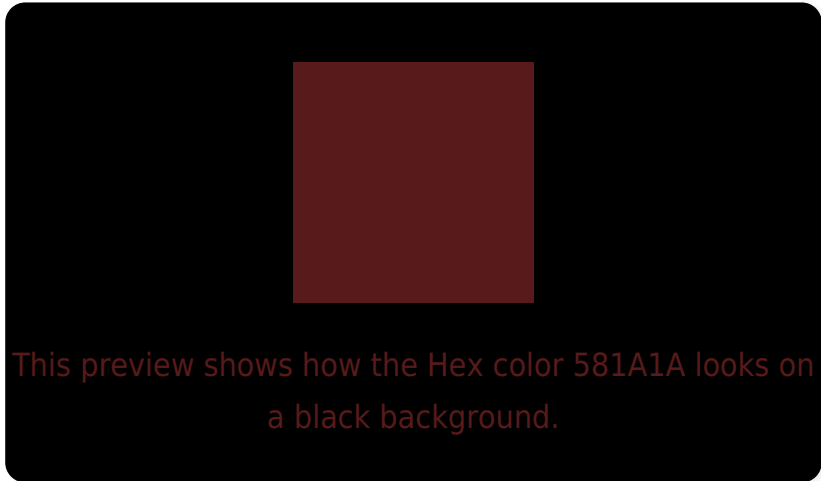
Large Text (above 18pt) WCAG AA ✓ Pass

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

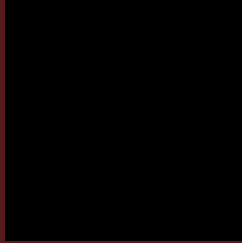
Any Text WCAG AA × Fail

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 581A1A Background



This preview shows how black text looks on a background with the Hex color 581A1A.

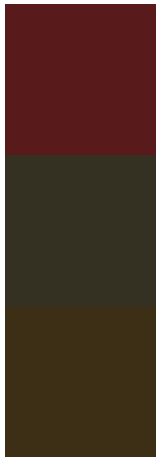


This preview shows how white text looks on a background with the Hex color 581A1A.

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](#).

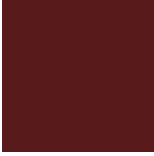
Dichromacy



Original Color
581A1A

Protanopia
353122

Deuteranopia
3D2F16



Tritanopia
581A1B

Trichromacy



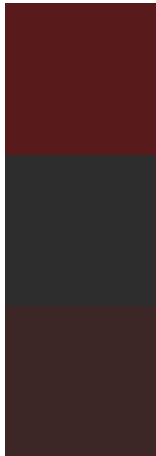
Original Color
581A1A

Protanomaly
42291F

Deuteranomaly
472717

Tritanomaly
581A1B

Monochromacy



Original Color
581A1A

Achromatopsia
2D2D2D

Achromatomaly
3D2626

CSS Examples

Text

The CSS property to change the color of the text to Hex 581A1A 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 #581A1A looks like.

```
.text, #text, p{  
    color:#581A1A  
}
```

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 #581A1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #581A1A
}
```

Border

The CSS property to change the border of an element to Hex 581A1A is called "border". The border property can be set on classes, ids or directly on the HTML element.

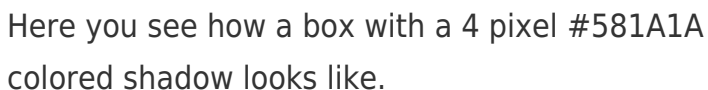
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#581A1A }
```

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

```
.border{ border-color:#581A1A }
```

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



Here you see how a box with a 4 pixel #581A1A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #581A1A; -webkit-box-shadow:4px 4px  
4px 4px #581A1A; box-shadow:4px 4px 4px  
4px #581A1A }
```

Background

The CSS property to change the background color of an element to Hex 581A1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#581A1A }
```

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

```
.background{ background-color:#581A1A }
```

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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