

Converting Colors

Hex(581D18)

Have a look what the booklet for
Hex(581D18) contains.

Hex(581D18)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(581D18)

Conversions

Conversions Part 1

Format	Color
Hex	581D18
RGB	88, 29, 24
RGB Percent	35%, 11%, 9%
CMY	0.6549, 0.8863, 0.9059
CMYK	0.00, 0.67, 0.73, 0.65
HSL	5°, 57%, 22%
HSV	5°, 73%, 35%
XYZ	4.6287, 3.0194, 1.2030
YIQ	46.0710, 36.7690, 10.9530

Conversions

Conversions Part 2

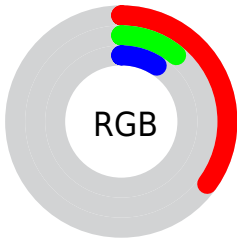
Format	Color
RYB	88, 29, 24
Decimal	5774616
CIELab	20.12, 26.89, 17.73
CIElCh	20, 32.215, 33.399
Yxy	3.0194, 0.5230, 0.3411
Android (android.graphics.Color)	4283964696 (0xFF581D18)
YUV	46.0710, -10.8810, 36.7717
Hunter-Lab	17.3764, 17.1404, 8.0587

Details

The Hex color **581D18** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **185358**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **8E4C43**, and **280001** is the 20% darker color. If you saturate the color by 10%, you get **58150F**, and if you desaturate by 10%, it is **582521**.

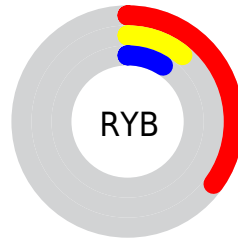
Distribution



Red (35%)

Green (11%)

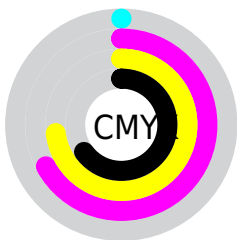
Blue (9%)



Red (35%)

Yellow (11%)

Blue (9%)

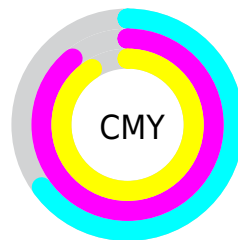


Cyan (0%)

Magenta (67%)

Yellow (73%)

Black (65%)



Cyan (65%)

Magenta (89%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 581D18 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 581D18 by changing the saturation by 10% instead.

 581D18

 581D18

 FFFFFB

 3F0500

 8E4C43

 280001

 AA655A

 000000

 C77E73

 E4988D

 FFB3A7

 FFCFC2

 FFECDE

 581D18

 581D18

■ 58150F

■ 582521

■ 580D06

■ 582D2A

■ 580700

■ 583532

■ 583D3B

■ 584644

■ 584E4D

■ 585656

■ 585E5E

■ 586667

Harmonies

Analogous

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



5A182F



581D18



4C2701

Triad

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



581D18



003A1A



003360

Complementary

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



581D18



185358

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.



00385B



581D18



003B33

Square

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



581D18



213602



003B4A



342958

Rectangle

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



581D18



412E00



003B4A



003560

Sweetspot

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



581D18



735B5A



581854



3B2D2B



BABABA



3B3B3B

Same Dimension

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



581D18



73170F



583C18



2B2727



6B0800



EB1200

Inverse Universe

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



185358



0F6B73



183458



272B2B



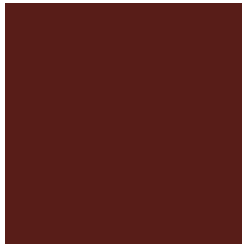
00636B



00D8EB

Previews

White Background



This preview shows how the Hex color 581D18 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 581D18 Background



This preview shows how black text looks on a background with the Hex color 581D18.

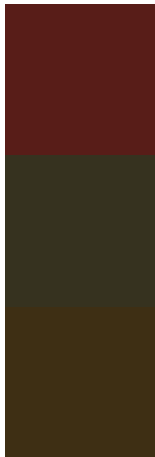


This preview shows how white text looks on a background with the Hex color 581D18.

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
581D18

Protanopia
36321F

Deuteranopia
3E2F14



Tritanopia
581C1E

Trichromacy



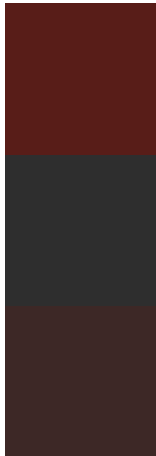
Original Color
581D18

Protanomaly
422A1C

Deuteranomaly
472815

Tritanomaly
581C1C

Monochromacy



Original Color
581D18

Achromatopsia
2E2E2E

Achromatomaly
3D2826

CSS Examples

Text

The CSS property to change the color of the text to Hex 581D18 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 #581D18 looks like.

```
.text, #text, p{  
    color:#581D18  
}
```

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 #581D18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #581D18  
}
```

Border

The CSS property to change the border of an element to Hex 581D18 is called "border". The border property can be set on classes, ids or directly on the HTML element.

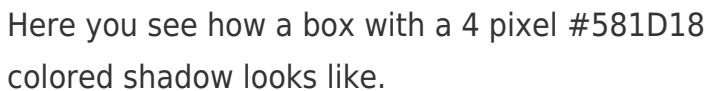
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#581D18 }
```

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

```
.border{ border-color:#581D18 }
```

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



Here you see how a box with a 4 pixel #581D18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #581D18; -webkit-box-shadow:4px 4px  
4px 4px #581D18; box-shadow:4px 4px 4px  
4px #581D18 }
```

Background

The CSS property to change the background color of an element to Hex 581D18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#581D18 }
```

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

```
.background{ background-color:#581D18 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor