

Converting Colors

Hex(581613)

Have a look what the booklet for
Hex(581613) contains.

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Color

Hex(581613)

Conversions

Conversions Part 1

Format	Color
Hex	581613
RGB	88, 22, 19
RGB Percent	35%, 9%, 7%
CMY	0.6549, 0.9137, 0.9255
CMYK	0.00, 0.75, 0.78, 0.65
HSL	3°, 64%, 21%
HSV	3°, 78%, 35%
XYZ	4.4290, 2.6955, 0.9030
YIQ	41.3920, 40.2990, 13.0590

Conversions

Conversions Part 2

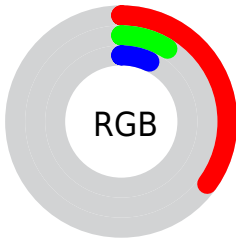
Format	Color
RYB	88, 22, 19
Decimal	5772819
CIELab	18.78, 30.01, 19.47
CIELCh	19, 35.768, 32.971
Yxy	2.6955, 0.5517, 0.3358
Android (android.graphics.Color)	4283962899 (0xFF581613)
YUV	41.3920, -11.0393, 40.8752
Hunter-Lab	16.4181, 19.4205, 8.2319

Details

The Hex color **581613** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **135558**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **8F463D**, and **260001** is the 20% darker color. If you saturate the color by 10%, you get **580E0A**, and if you desaturate by 10%, it is **581E1C**.

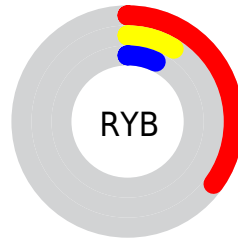
Distribution



Red (35%)

Green (9%)

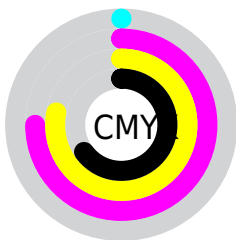
Blue (7%)



Red (35%)

Yellow (9%)

Blue (7%)

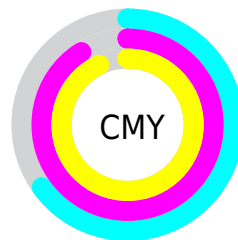


Cyan (0%)

Magenta (75%)

Yellow (78%)

Black (65%)



Cyan (65%)

Magenta (91%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 581613 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 581613 by changing the saturation by 10% instead.

 581613

 581613

 FFFFF4

 3E0000

 8F463D

 260001

 AB5F55

 000000

 C8786D

 E59286

 FFADA0

 FFC9BB

 FFE5D7

 581613

 581613

■ 580E0A

■ 581E1C

■ 580501

■ 582725

■ 580400

■ 582F2D

■ 583836

■ 58403F

■ 584948

■ 585151

■ 585959

■ 586262

Harmonies

Analogous

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



5A0E2C



581613



4C2300

Triad

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



581613



003814



003062

Complementary

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



581613



135558

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.



00365C



581613



003930

Square

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



581613



1D3400



003949



2F255A

Rectangle

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



581613



3F2A00



003949



003362

Sweetspot

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



581613



735857



581356



3B2A2A



BABABA



3B3B3B

Same Dimension

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



581613



730C07



583813



2B2727



6B0500



EB0A00

Inverse Universe

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



135558



076E73



133358



272B2B



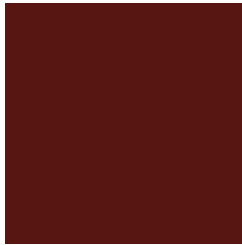
00666B



00E0EB

Previews

White Background



This preview shows how the Hex color 581613 looks on a white background.

Color Contrast Check

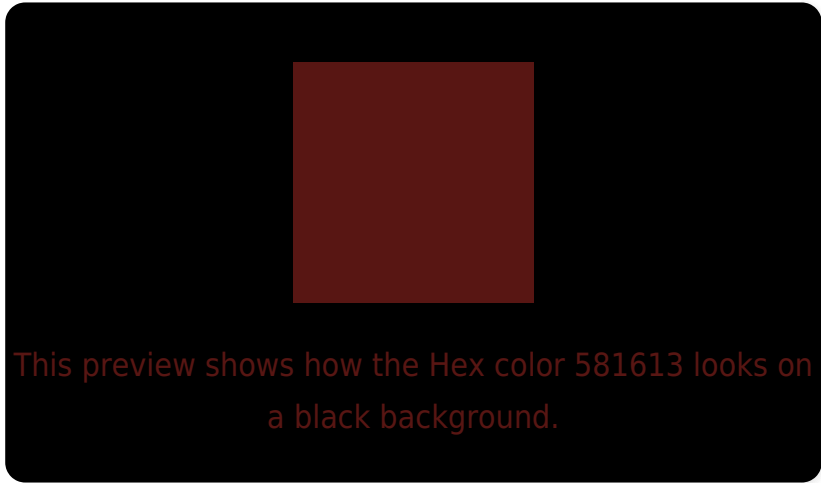
Large Text (above 18pt) WCAG AA ✓ Pass

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

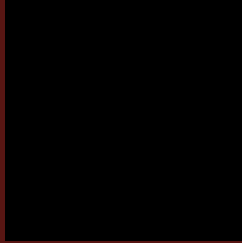
Any Text WCAG AA × Fail

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 581613 Background



This preview shows how black text looks on a background with the Hex color 581613.

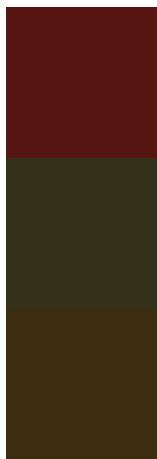


This preview shows how white text looks on a background with the Hex color 581613.

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
581613

Protanopia
34301A

Deuteranopia
3C2D0E



Tritanopia
581616

Trichromacy



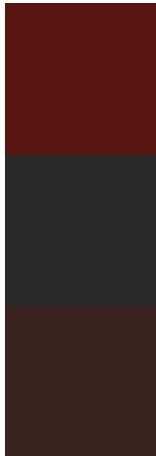
Original Color
581613

Protanomaly
412717

Deuteranomaly
462510

Tritanomaly
581615

Monochromacy



Original Color
581613

Achromatopsia
292929

Achromatomaly
3A2221

CSS Examples

Text

The CSS property to change the color of the text to Hex 581613 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 #581613 looks like.

```
.text, #text, p{  
    color:#581613  
}
```

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 #581613 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #581613
}
```

Border

The CSS property to change the border of an element to Hex 581613 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".

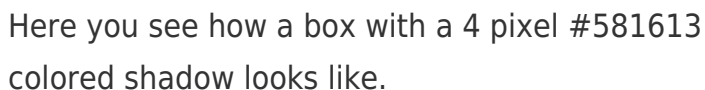
```
.border, #border, table{ border:4px solid
#581613 }
```

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

```
.border{ border-color:#581613 }
```

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

Here you see how a box with a 4 pixel #581613 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 and to the right of the box is a dark red shadow, creating a 3D effect. The shadow is rectangular and matches the color of the border.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #581613; -webkit-box-shadow:4px 4px  
4px 4px #581613; box-shadow:4px 4px 4px  
4px #581613 }
```

Background

The CSS property to change the background color of an element to Hex 581613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#581613 }
```

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

```
.background{ background-color:#581613 }
```

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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