

Converting Colors

Hex(581533)

Have a look what the booklet for
Hex(581533) contains.

Hex(581533)	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(581533)

Conversions

Conversions Part 1

Format	Color
Hex	581533
RGB	88, 21, 51
RGB Percent	35%, 8%, 20%
CMY	0.6549, 0.9176, 0.8000
CMYK	0.00, 0.76, 0.42, 0.65
HSL	333°, 61%, 21%
HSV	333°, 76%, 35%
XYZ	4.8902, 2.8501, 3.4243
YIQ	44.4530, 30.3020, 23.5340

Conversions

Conversions Part 2

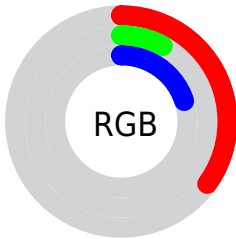
Format	Color
RYB	88, 21, 51
Decimal	5772595
CIELab	19.43, 33.24, -2.04
CIELCh	19, 33.299, 356.490
Yxy	2.8501, 0.4380, 0.2553
Android (android.graphics.Color)	4283962675 (0xFF581533)
YUV	44.4530, 3.2277, 38.1907
Hunter-Lab	16.8821, 22.1621, -0.2088

Details

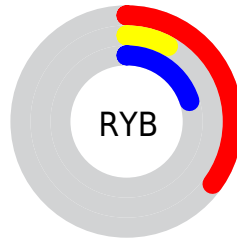
The Hex color **581533** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **15583A**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **8D4661**, and **2B0004** is the 20% darker color. If you saturate the color by 10%, you get **580C2E**, and if you desaturate by 10%, it is **581E38**.

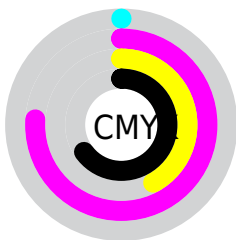
Distribution



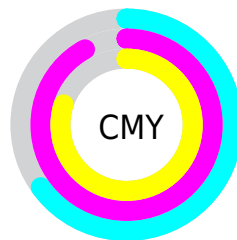
- Red (35%)
- Green (8%)
- Blue (20%)



- Red (35%)
- Yellow (8%)
- Blue (20%)



- Cyan (0%)
- Magenta (76%)
- Yellow (42%)
- Black (65%)



- Cyan (65%)
- Magenta (92%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 581533 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 581533 by changing the saturation by 10% instead.

 581533

 581533

FFFFFF

 3F001E

 8D4661

 2B0004

 A85F7A

 000000

 C47994

 E193AE

 FFAECA

 FFCAE6

 FFE6FF

 581533

 581533

■ 580C2E

■ 581E38

■ 580329

■ 58273D

■ 580027

■ 582F42

■ 583846

■ 58414B

■ 584A50

■ 585355

■ 585B5A

■ 58645F

Harmonies

Analogous

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



491E4A



581533



59181B

Triad

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



581533



263400



003857

Complementary

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



581533



15583A

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.



003A44



581533



003812

Square

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



581533



3E2D00



003A2B



003360

Rectangle

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



581533



531F0B



003A2B



003952

Sweetspot

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



581533



735864



3A1558



3B2A32



BABABA



3B3B3B

Same Dimension

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



581533



730A39



581815



2B2729



6B0030



EB0069

Inverse Universe

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



581533



730A39



155558



2B2729



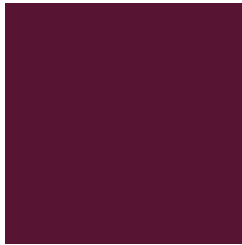
6B0030



EB0069

Previews

White Background



This preview shows how the Hex color 581533 looks on a white background.

Color Contrast Check

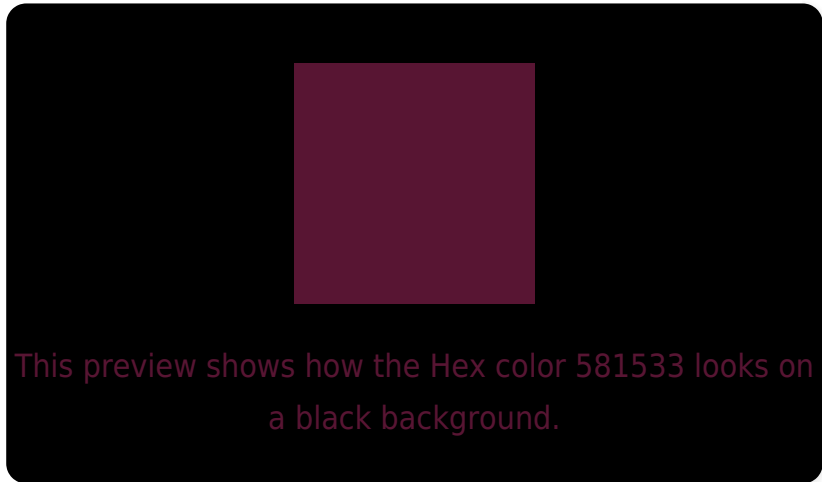
Large Text (above 18pt) WCAG AA ✓ Pass

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

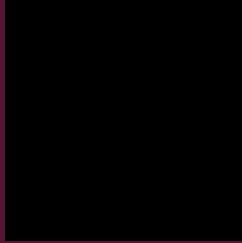
Any Text WCAG AA × Fail

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 581533 Background



This preview shows how black text looks on a background with the Hex color 581533.



This preview shows how white text looks on a background with the Hex color 581533.

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
581533

Protanopia
2B3044

Deuteranopia
362F30



Tritanopia
571B1D

Trichromacy



Original Color
581533

Protanomaly
3B263E

Deuteranomaly
422631

Tritanomaly
571925

Monochromacy



Original Color
581533

Achromatopsia
2C2C2C

Achromatomaly
3C242F

CSS Examples

Text

The CSS property to change the color of the text to Hex 581533 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 #581533 looks like.

```
.text, #text, p{  
    color:#581533  
}
```

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 #581533 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #581533
}
```

Border

The CSS property to change the border of an element to Hex 581533 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
#581533 }
```

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

```
.border{ border-color:#581533 }
```

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

Here you see how a box with a 4 pixel #581533 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #581533; -webkit-box-shadow:4px 4px  
4px 4px #581533; box-shadow:4px 4px 4px  
4px #581533 }
```

Background

The CSS property to change the background color of an element to Hex 581533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#581533 }
```

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

```
.background{ background-color:#581533 }
```

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