

Converting Colors

Decimal(5839933)

Have a look what the booklet for
Decimal(5839933) contains.

Decimal(5839933)	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

Decimal(5839933)

Conversions

Conversions Part 1

Format	Color
Hex	591C3D
RGB	89, 28, 61
RGB Percent	35%, 11%, 24%
CMY	0.6510, 0.8902, 0.7608
CMYK	0.00, 0.69, 0.31, 0.65
HSL	328°, 52%, 23%
HSV	328°, 69%, 35%
XYZ	5.3774, 3.2913, 4.7667
YIQ	50.0010, 25.7630, 23.1950

Conversions

Conversions Part 2

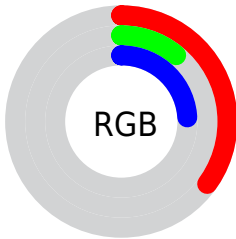
Format	Color
R_{YB}	89, 28, 61
Decimal	5839933
CIE Lab	21.17, 31.71, -6.39
CIE LCh	21, 32.350, 348.600
Yxy	3.2913, 0.4002, 0.2450
Android (android.graphics.Color)	4284030013 (0xFF591C3D)
YUV	50.0010, 5.4225, 34.2021
Hunter-Lab	18.1419, 21.1604, -2.8790

Details

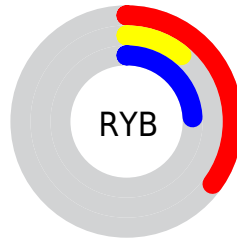
The Decimal color **5839933** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **1857848**, and the grayscale version is **3289650**.

A 20% lighter version of the original color is **9260140**, and **2818067** is the 20% darker color. If you saturate the color by 10%, you get **5837625**, and if you desaturate by 10%, it is **5842241**.

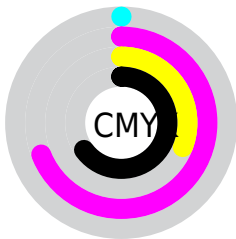
Distribution



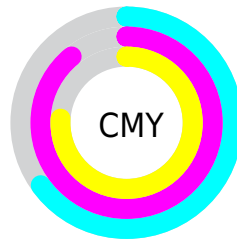
- Red (35%)
- Green (11%)
- Blue (24%)



- Red (35%)
- Yellow (11%)
- Blue (24%)



- Cyan (0%)
- Magenta (69%)
- Yellow (31%)
- Black (65%)



- Cyan (65%)
- Magenta (89%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5839933 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 Decimal color 5839933 by changing the saturation by 10% instead.

■ 5839933

■ 5839933

16777215

■ 4194855

■ 9260140

■ 2818067

■ 11101574

■ 0

■ 12943264

■ 14784955

■ 16692438

■ 16765171

■ 16772607

■ 5839933

■ 5839933

■ 5837625

■ 5842241

■ 5835317

■ 5844549

■ 5833009

■ 5846857

■ 5832752

■ 5849165

■ 5851473

■ 5853526

■ 5855834

■ 5858142

■ 5860450

Harmonies

Analogous

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



4597331



5839933



6102053

Triad

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



5839933



3225088



15446

Complementary

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



5839933



1857848

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.



15937



5839933



1194769

Square

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



5839933



4599296



15657



14434

Rectangle

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



5839933



5841174



15657



15696

Sweetspot

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



5839933



7560040



3611737



3877940



12237498



3881787

Same Dimension

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



5839933



7542088



5839903



2828073



7012410



15401087

Inverse Universe

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



5839933



7542088



1857878



2828073



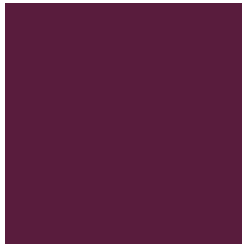
7012410



15401087

Previews

White Background



This preview shows how the Decimal color 5839933 looks on a white background.

Color Contrast Check

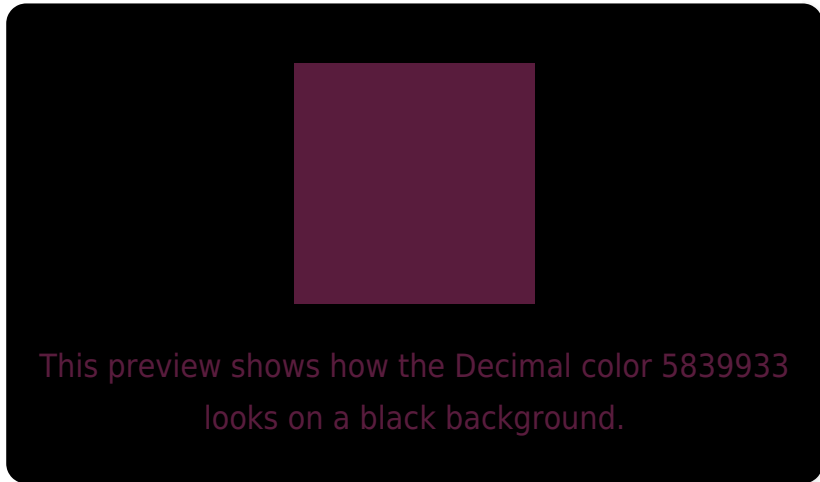
Large Text (above 18pt) WCAG AA ✓ Pass

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

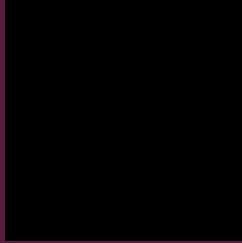
Any Text WCAG AA × Fail

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](#).

Decimal 5839933 Background



This preview shows how black text looks on a background with the Decimal color 5839933.



This preview shows how white text looks on a background with the Decimal color 5839933.

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
5839933

Protanopia
2831181

Deuteranopia
3617594

Trichromacy



Original Color

5839933

Protanomaly

3943239

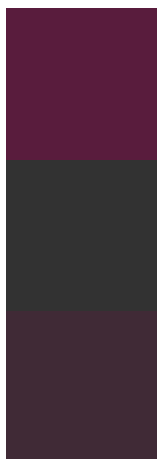
Deuteranomaly

4401979

Tritanomaly

5775405

Monochromacy



Original Color

5839933

Achromatopsia

3289650

Achromatomaly

4205110

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5839933 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 #591C3D looks like.

```
.text, #text, p{  
    color:#591C3D  
}
```

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 #591C3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #591C3D
}
```

Border

The CSS property to change the border of an element to Decimal 5839933 is called "border". The border property can be set on classes, ids or directly on the HTML element.

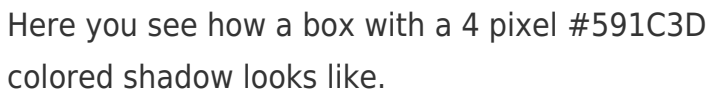
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#591C3D }
```

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

```
.border{ border-color:#591C3D }
```

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



Here you see how a box with a 4 pixel #591C3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #591C3D; -webkit-box-shadow:4px 4px  
4px 4px #591C3D; box-shadow:4px 4px 4px  
4px #591C3D }
```

Background

The CSS property to change the background color of an element to Decimal 5839933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#591C3D }
```

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

```
.background{ background-color:#591C3D }
```

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