

Converting Colors

Decimal(5847603)

Have a look what the booklet for
Decimal(5847603) contains.

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Color

Decimal(5847603)

Conversions

Conversions Part 1

Format	Color
Hex	593A33
RGB	89, 58, 51
RGB Percent	35%, 23%, 20%
CMY	0.6510, 0.7725, 0.8000
CMYK	0.00, 0.35, 0.43, 0.65
HSL	11°, 27%, 27%
HSV	11°, 43%, 35%
XYZ	6.2304, 5.3890, 3.8438
YIQ	66.4710, 20.7230, 4.3950

Conversions

Conversions Part 2

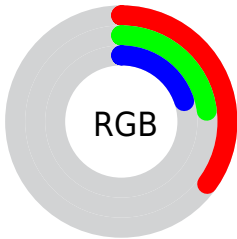
Format	Color
R_{YB}	89, 60, 51
Decimal	5847603
CIE _{Lab}	27.82, 12.74, 9.93
CIE _{LCh}	28, 16.158, 37.941
Yxy	5.3890, 0.4029, 0.3485
Android (android.graphics.Color)	4284037683 (0xFF593A33)
YUV	66.4710, -7.6272, 19.7579
Hunter-Lab	23.2142, 7.2826, 6.4328

Details

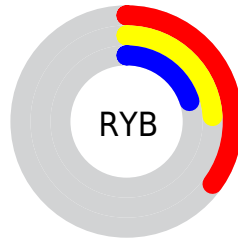
The Decimal color **5847603** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3363417**, and the grayscale version is **4408131**.

A 20% lighter version of the original color is **9202017**, and **2756613** is the 20% darker color. If you saturate the color by 10%, you get **5845802**, and if you desaturate by 10%, it is **5849404**.

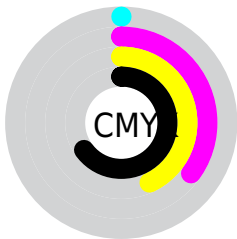
Distribution



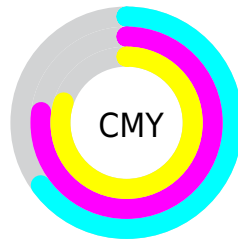
- Red (35%)
- Green (23%)
- Blue (20%)



- Red (35%)
- Yellow (24%)
- Blue (20%)



- Cyan (0%)
- Magenta (35%)
- Yellow (43%)
- Black (65%)



- Cyan (65%)
- Magenta (77%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5847603 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 5847603 by changing the saturation by 10% instead.

■ 5847603

■ 5847603

16777215

■ 4269086

■ 9202017

■ 2756613

■ 10978170

■ 589824

■ 12819860

■ 0

■ 14661807

■ 16569290

■ 16773350

■ 5847603

■ 5847603

■ 5845802

■ 5849404

■ 5843745

■ 5851461

■ 5841944

■ 5853262

■ 5840143

■ 5855063

■ 5838343

■ 5856864

■ 5836800

■ 5858920

■ 5860721

■ 5862522

■ 5864323

Harmonies

Analogous

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



5912639



5847603



5389867

Triad

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



5847603



2836536



3555930

Complementary

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



5847603



3363417

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.



2377048



5847603



1919045

Square

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



5847603



3753262



1591376



4734293

Rectangle

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



5847603



4931881



1591376



3162970

Sweetspot

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



5847603



7563108



5845842



3879729



12237498



3881787

Same Dimension

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



5847603



7553848



5852467



2828327



7017472



15411968

Inverse Universe

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



3363417



3696755



3358553



2566955



22379



49131

Previews

White Background



This preview shows how the Decimal color 5847603 looks on a white background.

Color Contrast Check

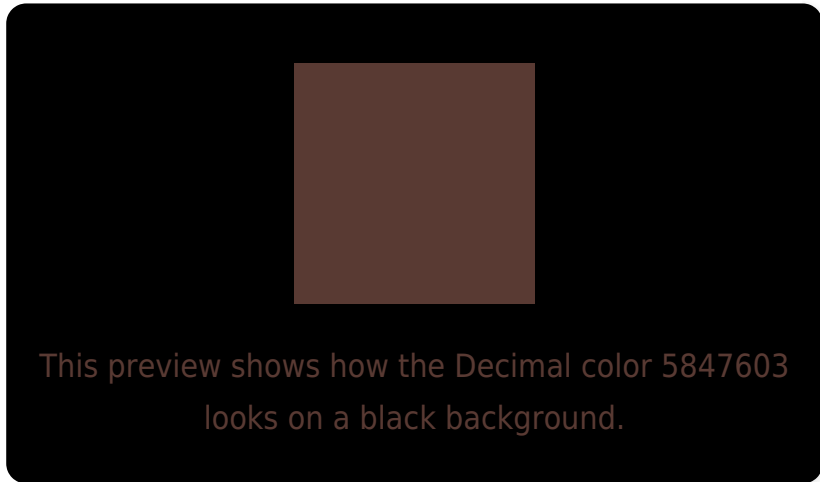
Large Text (above 18pt) WCAG AA ✓ Pass

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

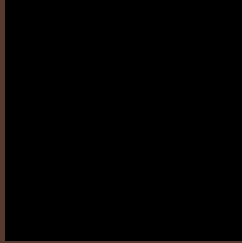
Any Text WCAG AA × Fail

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 5847603 Background



This preview shows how black text looks on a background with the Decimal color 5847603.

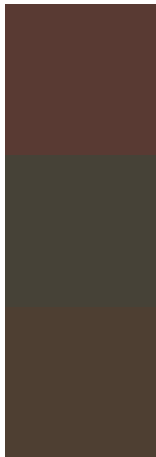


This preview shows how white text looks on a background with the Decimal color 5847603.

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
5847603

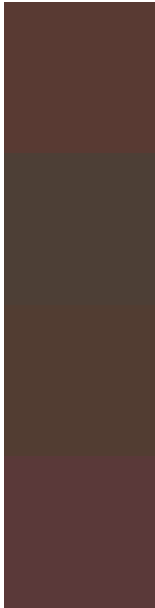
Protanopia
4604471

Deuteranopia
5127986



Tritanopia
5912893

Trichromacy



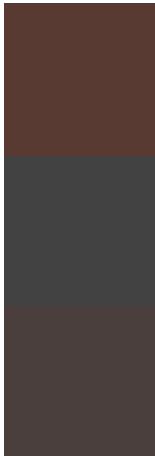
Original Color
5847603

Protanomaly
5062454

Deuteranomaly
5389618

Tritanomaly
5912889

Monochromacy



Original Color
5847603

Achromatopsia
4342338

Achromatomaly
4865853

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5847603 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 #593A33 looks like.

```
.text, #text, p{  
    color:#593A33  
}
```

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 #593A33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #593A33
}
```

Border

The CSS property to change the border of an element to Decimal 5847603 is called "border". The border property can be set on classes, ids or directly on the HTML element.

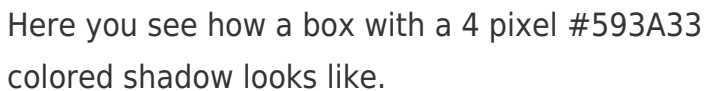
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#593A33 }
```

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

```
.border{ border-color:#593A33 }
```

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



Here you see how a box with a 4 pixel #593A33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #593A33; -webkit-box-shadow:4px 4px  
4px 4px #593A33; box-shadow:4px 4px 4px  
4px #593A33 }
```

Background

The CSS property to change the background color of an element to Decimal 5847603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#593A33 }
```

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

```
.background{ background-color:#593A33 }
```

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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