

# Converting Colors

Decimal(5838889)

Have a look what the booklet for  
Decimal(5838889) contains.

<b>Decimal(5838889)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Decimal(5838889)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	591829
RGB	89, 24, 41
RGB Percent	35%, 9%, 16%
CMY	0.6510, 0.9059, 0.8392
CMYK	0.00, 0.73, 0.54, 0.65
HSL	344°, 58%, 22%
HSV	344°, 73%, 35%
XYZ	4.8467, 2.9372, 2.4093
YIQ	45.3730, 33.2830, 19.0670

# Conversions

## Conversions Part 2

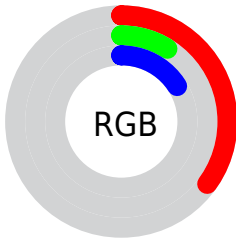
<b>Format</b>	<b>Color</b>
<b>RYB</b>	89, 24, 41
Decimal	5838889
CIELab	19.79, 31.14, 5.56
CIELCh	20, 31.635, 10.121
Yxy	2.9372, 0.4755, 0.2882
Android (android.graphics.Color)	4284028969 (0xFF591829)
YUV	45.3730, -2.1559, 38.2609
Hunter-Lab	17.1383, 20.4877, 3.6618




# Details

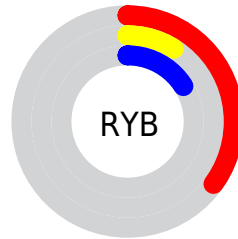
The Decimal color **5838889** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1595720**, and the grayscale version is **2960685**.




A 20% lighter version of the original color is **9324630**, and **2818049** is the 20% darker color. If you saturate the color by 10%, you get **5836578**, and if you desaturate by 10%, it is **5841200**.

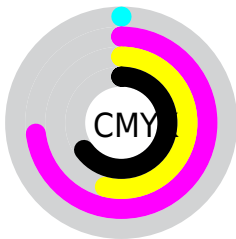
# Distribution







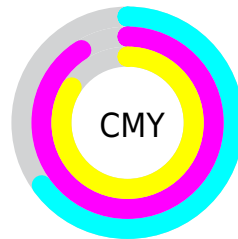
-  Red (35%)
-  Green (9%)
-  Blue (16%)






-  Red (35%)
-  Yellow (9%)
-  Blue (16%)



-  Cyan (0%)
-  Magenta (73%)
-  Yellow (54%)
-  Black (65%)



-  Cyan (65%)
-  Magenta (91%)
-  Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5838889 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 5838889 by changing the saturation by 10% instead.



■ 5838889

■ 5838889

16777215

■ 4128789

■ 9324630

■ 2818049

■ 11166062

■ 0

■ 13007752

■ 14914978

■ 16756925

■ 16764120

■ 16771317

■ 5838889

■ 5838889

■ 5836578

■ 5841200

■ 5834268

■ 5843510

■ 5832727

■ 5845821

■ 5848131

■ 5850442

■ 5852496

■ 5854807

■ 5857118

■ 5859428

# Harmonies

## Analogous

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



5315648



5838889



5578515

# Triad

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



5838889



1718024



14171

# Complementary

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



5838889



1595720

# 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.



14925



5838889



14879

# Square

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



5838889



3420416



15159



274526

# Rectangle

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



5838889



5056003



15159



14424



# Sweetspot

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



5838889



7559776



4724825



3877679



12237498



3881787



# Same Dimension

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



5838889



7540264



5842712



2828072



7012380



15401021



# Inverse Universe

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



5838889



7540264



1591897



2828072



7012380

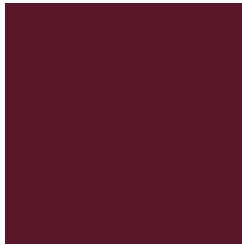


15401021



# Previews

## White Background



This preview shows how the Decimal color 5838889 looks on a white background.

## Color Contrast Check

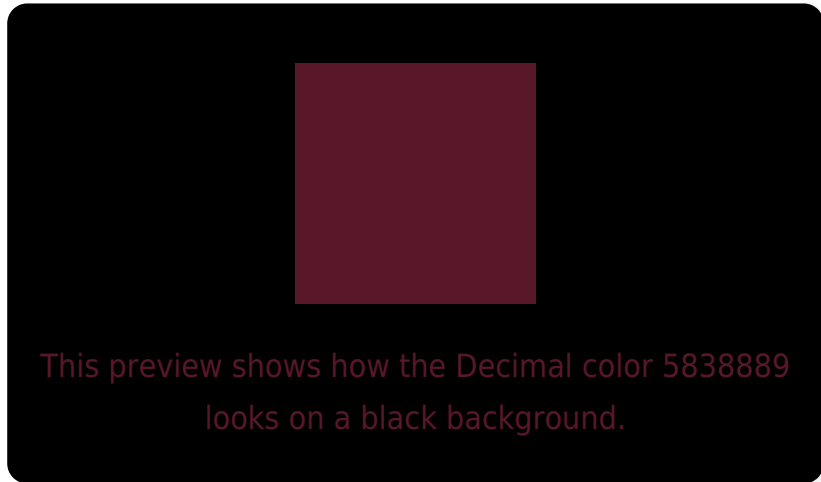
Large Text (above 18pt) WCAG AA ✓ Pass

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

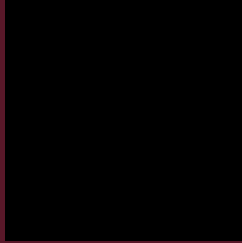
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 5838889 Background



This preview shows how black text looks on a background with the Decimal color 5838889.



This preview shows how white text looks on a background with the Decimal color 5838889.

# 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**  
5838889

**Protanopia**  
3223862

**Deuteranopia**  
3813158



**Tritanopia**  
5774108

# Trichromacy



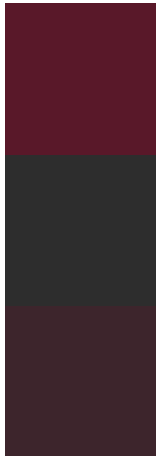
**Original Color**  
5838889

**Protanomaly**  
4204593

**Deuteranomaly**  
4532007

**Tritanomaly**  
5773857

# Monochromacy



**Original Color**  
5838889

**Achromatopsia**  
2960685

**Achromatomaly**  
4007212

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5838889 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 #591829 looks like.

```
.text, #text, p{  
    color:#591829  
}
```

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 #591829 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #591829
}
```

## Border

The CSS property to change the border of an element to Decimal 5838889 is called "border". The border property can be set on classes, ids or directly on the HTML element.

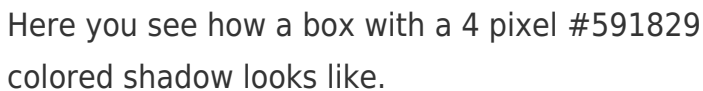
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#591829 }
```

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

```
.border{ border-color:#591829 }
```

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



Here you see how a box with a 4 pixel #591829 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #591829; -webkit-box-shadow:4px 4px  
4px 4px #591829; box-shadow:4px 4px 4px  
4px #591829 }
```

# Background

The CSS property to change the background color of an element to Decimal 5838889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#591829 }
```

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

```
.background{ background-color:#591829 }
```

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