

# Converting Colors

Decimal(5389375)

Have a look what the booklet for  
Decimal(5389375) contains.

<b>Decimal(5389375)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(5389375)**

# Conversions

## Conversions Part 1

Format	Color
Hex	523C3F
RGB	82, 60, 63
RGB Percent	32%, 24%, 25%
CMY	0.6784, 0.7647, 0.7529
CMYK	0.00, 0.27, 0.23, 0.68
HSL	352°, 15%, 28%
HSV	352°, 27%, 32%
XYZ	5.9927, 5.3844, 5.4261
YIQ	66.9200, 12.1490, 5.5970

# Conversions

## Conversions Part 2

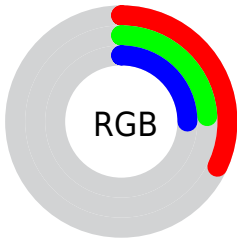
<b>Format</b>	<b>Color</b>
<b>RYB</b>	82, 60, 63
Decimal	5389375
CIELab	27.80, 10.20, 1.92
CIELCh	28, 10.379, 10.680
Yxy	5.3844, 0.3566, 0.3204
Android (android.graphics.Color)	4283579455 (0xFF523C3F)
YUV	66.9200, -1.9326, 13.2252
Hunter-Lab	23.2044, 5.4915, 2.3788

# Details

The Decimal color **5389375** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3953231**, and the grayscale version is **4408131**.

A 20% lighter version of the original color is **8678255**, and **2363925** is the 20% darker color. If you saturate the color by 10%, you get **5387320**, and if you desaturate by 10%, it is **5391430**.

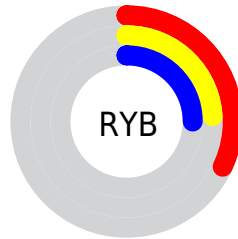
# Distribution



 Red (32%)

 Green (24%)

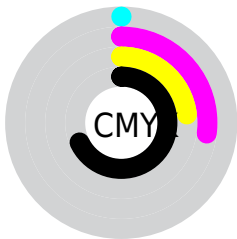
 Blue (25%)



 Red (32%)

 Yellow (24%)

 Blue (25%)

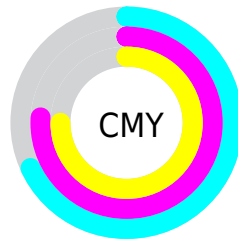


 Cyan (0%)

 Magenta (27%)

 Yellow (23%)

 Black (68%)



 Cyan (68%)

 Magenta (76%)

 Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5389375 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 5389375 by changing the saturation by 10% instead.



■ 5389375

■ 5389375

16777215

■ 3876393

■ 8678255

■ 2363925

■ 10388872

■ 131072

■ 12165026

■ 0

■ 14006973

■ 15849177

■ 16773877

■ 5389375

■ 5389375

■ 5387320

■ 5391430

■ 5385265

■ 5393485

■ 5382954

■ 5395796

■ 5380899

■ 5397851

■ 5378844

■ 5399906

■ 5376789

■ 5401961

■ 5374733

■ 5404017

■ 5373963

■ 5406328

■ 5408383

# Harmonies

## Analogous

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



5127495



5389375



5324088

# Triad

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



5389375



3949621



3294288

# Complementary

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



5389375



3953231

# 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.



2901580



5389375



3360316

# Square

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



5389375



4538930



2967108



3948881

# Rectangle

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



5389375



5127988



2967108



3163471



# Sweetspot

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



5389375



7037796



5192786



3551281



11908533



3552822



# Same Dimension

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



5389375



7031118



5391420



2696485



6881294



15204384



# Inverse Universe

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



5389375



7031118



3951186



2696485



6881294



15204384



# Previews

## White Background



This preview shows how the Decimal color 5389375 looks on a white background.

## Color Contrast Check

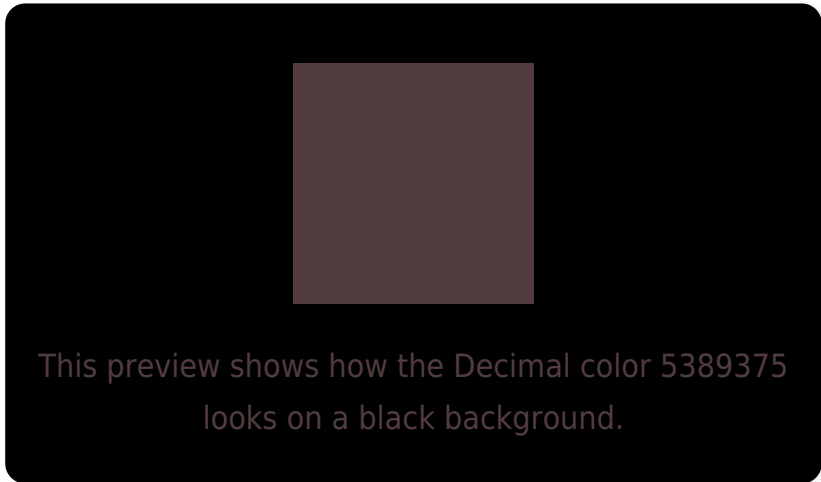
Large Text (above 18pt) WCAG AA ✓ Pass

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 5389375 Background



This preview shows how black text looks on a background with the Decimal color 5389375.

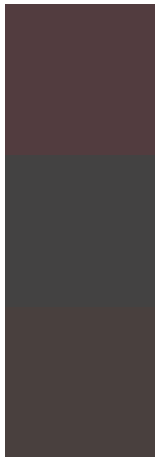


This preview shows how white text looks on a background with the Decimal color 5389375.

# 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**  
5389375

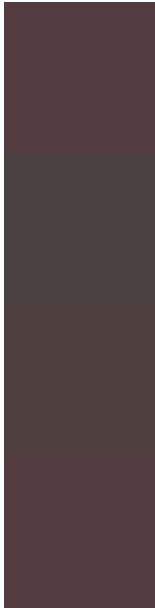
**Protanopia**  
4407874

**Deuteranopia**  
4800574



**Tritanopia**  
5389376

# Trichromacy



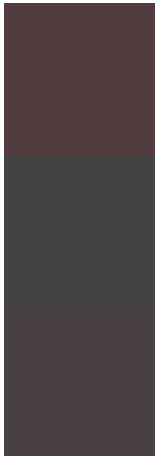
**Original Color**  
5389375

**Protanomaly**  
4735041

**Deuteranomaly**  
4996926

**Tritanomaly**  
5389376

# Monochromacy



**Original Color**  
5389375

**Achromatopsia**  
4408131

**Achromatomaly**  
4735042

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5389375 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 #523C3F looks like.

```
.text, #text, p{  
  color:#523C3F  
}
```

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 #523C3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #523C3F
}
```

## Border

The CSS property to change the border of an element to Decimal 5389375 is called "border". The border property can be set on classes, ids or directly on the HTML element.

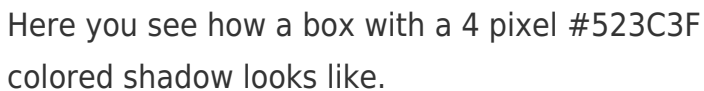
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#523C3F }
```

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

```
.border{ border-color:#523C3F }
```

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



Here you see how a box with a 4 pixel #523C3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #523C3F; -webkit-box-shadow:4px 4px  
4px 4px #523C3F; box-shadow:4px 4px 4px  
4px #523C3F }
```

# Background

The CSS property to change the background color of an element to Decimal 5389375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#523C3F }
```

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

```
.background{ background-color:#523C3F }
```

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