

# Converting Colors

Decimal(5717060)

Have a look what the booklet for  
Decimal(5717060) contains.

<b>Decimal(5717060)</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(5717060)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	573C44
RGB	87, 60, 68
RGB Percent	34%, 24%, 27%
CMY	0.6588, 0.7647, 0.7333
CMYK	0.00, 0.31, 0.22, 0.66
HSL	342°, 18%, 29%
HSV	342°, 31%, 34%
XYZ	6.5897, 5.6753, 6.2170
YIQ	68.9850, 13.5240, 8.2120

# Conversions

## Conversions Part 2

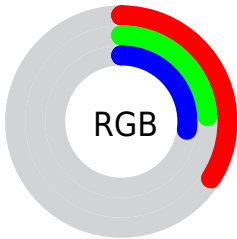
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	87, 60, 68
Decimal	5717060
CIE Lab	28.58, 13.26, -0.16
CIE LCh	29, 13.260, 359.329
Yxy	5.6753, 0.3565, 0.3071
Android (android.graphics.Color)	4283907140 (0xFF573C44)
YUV	68.9850, -0.4856, 15.7992
Hunter-Lab	23.8229, 7.6853, 1.2034

# Details

The Decimal color **5717060** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3954511**, and the grayscale version is **4539717**.

A 20% lighter version of the original color is **9006196**, and **2691353** is the 20% darker color. If you saturate the color by 10%, you get **5714750**, and if you desaturate by 10%, it is **5719370**.

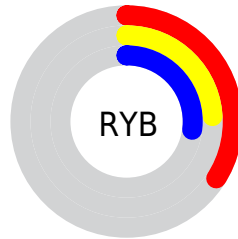
# Distribution



Red (34%)

Green (24%)

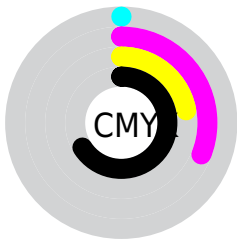
Blue (27%)



Red (34%)

Yellow (24%)

Blue (27%)

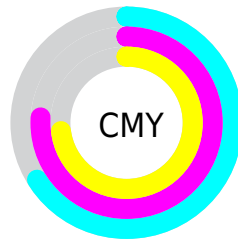


Cyan (0%)

Magenta (31%)

Yellow (22%)

Black (66%)



Cyan (66%)

Magenta (76%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5717060 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 5717060 by changing the saturation by 10% instead.



■ 5717060

■ 5717060

16777215

■ 4138542

■ 9006196

■ 2691353

■ 10782094

■ 1114112

■ 12558248

■ 0

■ 14400195

■ 16307935

■ 16773884

■ 5717060

■ 5717060

■ 5714750

■ 5719370

■ 5712696

■ 5721424

■ 5710386

■ 5723734

■ 5708076

■ 5726044

■ 5705765

■ 5728355

■ 5703711

■ 5730409

■ 5701658

■ 5732719

■ 5735029

■ 5737083

# Harmonies

## Analogous

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



5258830



5717060



5782842

# Triad

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



5717060



4212273



2770773

# Complementary

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



5717060



3954511

# 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.



2443597



5717060



3426361

# Square

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



5717060



4932399



2771267



3556440

# Rectangle

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



5717060



5652020



2771267



2574419



# Sweetspot

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



5717060



7366249



5192791



3682868



12105912



3684408



# Same Dimension

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



5717060



7358291



5718332



2828072



7012384



15401030



# Inverse Universe

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



5717060



7358291



3953239



2828072



7012384

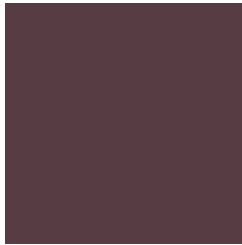


15401030



# Previews

## White Background



This preview shows how the Decimal color 5717060 looks on a white background.

## Color Contrast Check

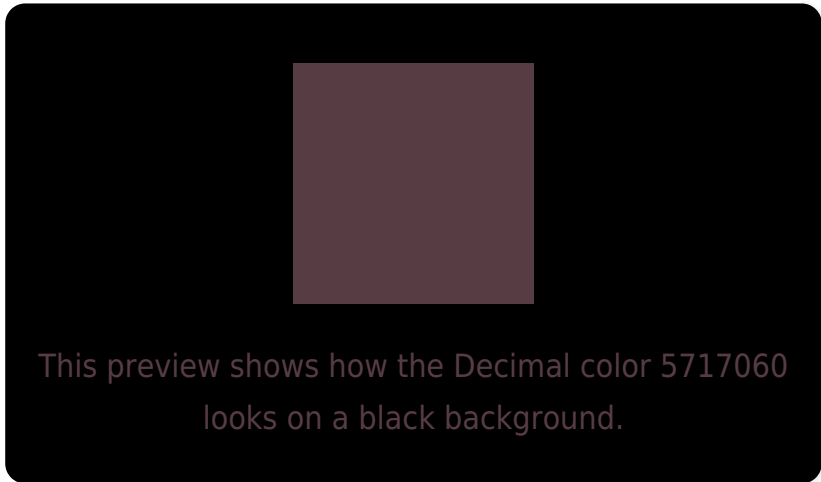
Large Text (above 18pt) WCAG AA ✓ Pass

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

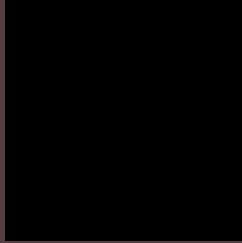
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5717060 Background



This preview shows how black text looks on a background with the Decimal color 5717060.

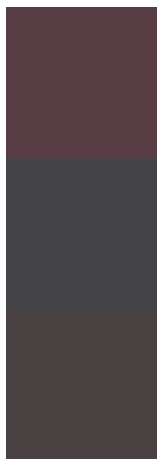


This preview shows how white text looks on a background with the Decimal color 5717060.

# 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**  
5717060

**Protanopia**  
4473672

**Deuteranopia**  
4866371



**Tritanopia**  
5717057

# Trichromacy



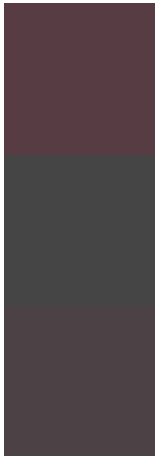
**Original Color**  
5717060

**Protanomaly**  
4931655

**Deuteranomaly**  
5193539

**Tritanomaly**  
5717058

# Monochromacy



**Original Color**  
5717060

**Achromatopsia**  
4539717

**Achromatomaly**  
4997701

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5717060 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 #573C44 looks like.

```
.text, #text, p{  
    color:#573C44  
}
```

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 #573C44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #573C44
}
```

## Border

The CSS property to change the border of an element to Decimal 5717060 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".

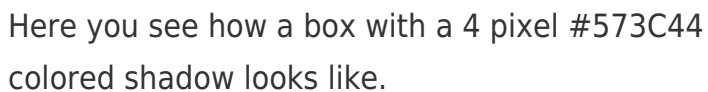
```
.border, #border, table{ border:4px solid
#573C44 }
```

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

```
.border{ border-color:#573C44 }
```

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

Here you see how a box with a 4 pixel #573C44 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #573C44; -webkit-box-shadow:4px 4px  
4px 4px #573C44; box-shadow:4px 4px 4px  
4px #573C44 }
```

# Background

The CSS property to change the background color of an element to Decimal 5717060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#573C44 }
```

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

```
.background{ background-color:#573C44 }
```

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