

# Converting Colors

Decimal(5852717)

Have a look what the booklet for  
Decimal(5852717) contains.

<b>Decimal(5852717)</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(5852717)**

# Conversions

## Conversions Part 1

Format	Color
Hex	594E2D
RGB	89, 78, 45
RGB Percent	35%, 31%, 18%
CMY	0.6510, 0.6941, 0.8235
CMYK	0.00, 0.12, 0.49, 0.65
HSL	45°, 33%, 26%
HSV	45°, 49%, 35%
XYZ	7.3179, 7.7621, 3.5952
YIQ	77.5270, 17.1490, -7.9310

# Conversions

## Conversions Part 2

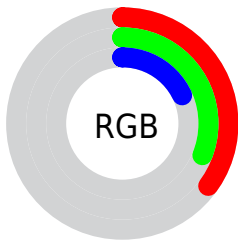
Format	Color
<a href="#">RYB</a>	60, 89, 45
Decimal	5852717
CIELab	33.48, -0.58, 21.15
CIELCh	33, 21.160, 91.564
Yxy	7.7621, 0.3919, 0.4156
Android (android.graphics.Color)	4284042797 (0xFF594E2D)
YUV	77.5270, -16.0358, 10.0618
Hunter-Lab	27.8605, -1.8710, 11.8515

# Details

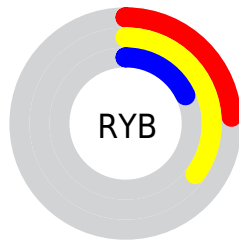
The Decimal color **5852717** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2963545**, and the grayscale version is **5131854**.

A 20% lighter version of the original color is **9207643**, and **2826752** is the 20% darker color. If you saturate the color by 10%, you get **5852196**, and if you desaturate by 10%, it is **5853238**.

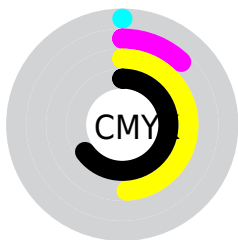
# Distribution



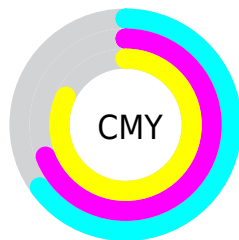
- Red (35%)
- Green (31%)
- Blue (18%)



- Red (24%)
- Yellow (35%)
- Blue (18%)



- Cyan (0%)
- Magenta (12%)
- Yellow (49%)
- Black (65%)



- Cyan (65%)
- Magenta (69%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5852717 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 5852717 by changing the saturation by 10% instead.



■ 5852717

■ 5852717

16777215

■ 4273944

■ 9207643

■ 2826752

■ 10983796

■ 1117184

■ 12759950

■ 0

■ 14667688

■ 16509892

■ 16777184

■ 16777212

■ 5852717

■ 5852717

■ 5852196

■ 5853238

■ 5851675

■ 5853759

■ 5850898

■ 5854536

■ 5850377

■ 5855057

■ 5849857

■ 5855578

■ 5849856

■ 5856098

■ 5856875

■ 5857396

■ 5857917

# Harmonies

## Analogous

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



6768690



5852717



4674354

# Triad

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



5852717



743264



6636639

# Complementary

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



5852717



2963545

# 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.



5393003



5852717



1856876

# Square

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



5852717



1923151



3690608



7225934

# Rectangle

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



5852717



3822905



3690608



6243940



# Sweetspot

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



5852717



7564898



5844280



3881008



12237498



3881787



# Same Dimension

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



5852717



7561775



5134637



2828839



7032832



15446016



# Inverse Universe

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



2963545



3096691



3681625



2566187



7019



15339



# Previews

## White Background



This preview shows how the Decimal color 5852717 looks on a white background.

## Color Contrast Check

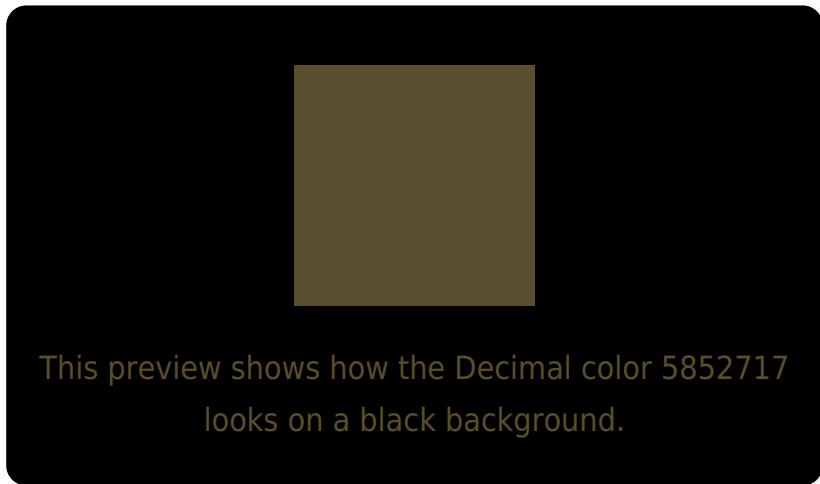
Large Text (above 18pt) WCAG AA ✓ Pass

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

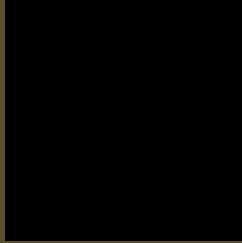
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5852717 Background



This preview shows how black text looks on a background with the Decimal color 5852717.

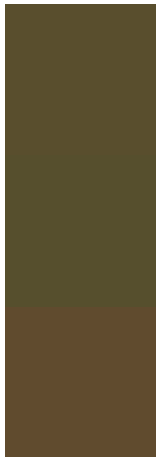


This preview shows how white text looks on a background with the Decimal color 5852717.

# 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](#).

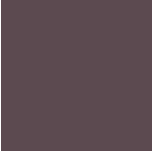
## Dichromacy



**Original Color**  
5852717

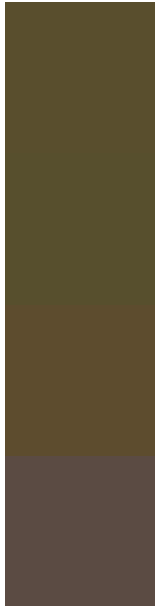
**Protanopia**  
5656365

**Deuteranopia**  
6310702



**Tritanopia**  
6048336

# Trichromacy



**Original Color**  
5852717

**Protanomaly**  
5721901

**Deuteranomaly**  
6114350

**Tritanomaly**  
5983043

# Monochromacy



**Original Color**  
5852717

**Achromatopsia**  
5131854

**Achromatomaly**  
5393986

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5852717 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 #594E2D looks like.

```
.text, #text, p{  
  color:#594E2D  
}
```

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 #594E2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #594E2D
}
```

## Border

The CSS property to change the border of an element to Decimal 5852717 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".

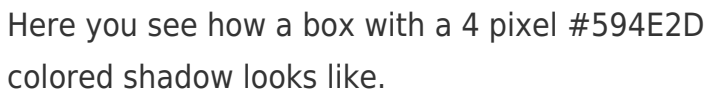
```
.border, #border, table{ border:4px solid
#594E2D }
```

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

```
.border{ border-color:#594E2D }
```

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

Here you see how a box with a 4 pixel #594E2D colored shadow looks like.

A rectangular box with a dark brown border and a dark brown shadow. The shadow is cast to the right and bottom of the box, giving it a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #594E2D colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #594E2D; -webkit-box-shadow:4px 4px  
4px 4px #594E2D; box-shadow:4px 4px 4px  
4px #594E2D }
```

# Background

The CSS property to change the background color of an element to Decimal 5852717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#594E2D }
```

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

```
.background{ background-color:#594E2D }
```

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