

# Converting Colors

Decimal(5257519)

Have a look what the booklet for  
Decimal(5257519) contains.

<b>Decimal(5257519)</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(5257519)**

# Conversions

## Conversions Part 1

Format	Color
Hex	50392F
RGB	80, 57, 47
RGB Percent	31%, 22%, 18%
CMY	0.6863, 0.7765, 0.8157
CMYK	0.00, 0.29, 0.41, 0.69
HSL	18°, 26%, 25%
HSV	18°, 41%, 31%
XYZ	5.2845, 4.8370, 3.3444
YIQ	62.7370, 16.9180, 1.7660

# Conversions

## Conversions Part 2

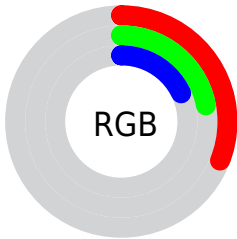
<b>Format</b>	<b>Color</b>
<b>RYB</b>	80, 61, 47
Decimal	5257519
CIELab	26.27, 8.66, 10.24
CIElCh	26, 13.406, 49.775
Yxy	4.8370, 0.3924, 0.3592
Android (android.graphics.Color)	4283447599 (0xFF50392F)
YUV	62.7370, -7.7583, 15.1397
Hunter-Lab	21.9931, 4.4019, 6.3791




# Details

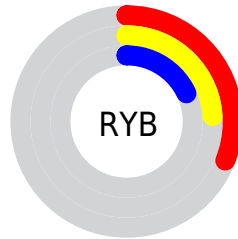
The Decimal color **5257519** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3098192**, and the grayscale version is **4144959**.




A 20% lighter version of the original color is **8546397**, and **2363136** is the 20% darker color. If you saturate the color by 10%, you get **5255975**, and if you desaturate by 10%, it is **5259063**.

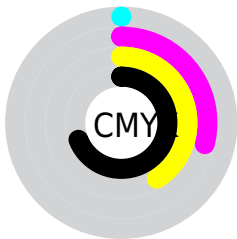
# Distribution







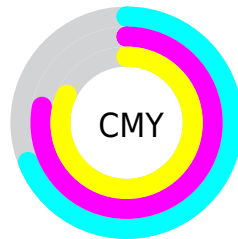
-  Red (31%)
-  Green (22%)
-  Blue (18%)






-  Red (31%)
-  Yellow (24%)
-  Blue (18%)



-  Cyan (0%)
-  Magenta (29%)
-  Yellow (41%)
-  Black (69%)



-  Cyan (69%)
-  Magenta (78%)
-  Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5257519 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 5257519 by changing the saturation by 10% instead.



■ 5257519

■ 5257519

16777215

■ 3679002

■ 8546397

■ 2363136

■ 10322294

■ 0

■ 12098447

■ 13940394

■ 15782597

■ 16772833

16777214

■ 5257519

■ 5257519

■ 5255975

■ 5259063

■ 5254687

■ 5260351

■ 5253143

■ 5261895

■ 5251855

■ 5263183

■ 5250311

■ 5264727

■ 5249024

■ 5266015

■ 5267559

■ 5269103

■ 5270391

# Harmonies

## Analogous

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



5453624



5257519



4799530

# Triad

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



5257519



2638906



3882321

# Complementary

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



5257519



3098192

# 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.



2900050



5257519



2114629

# Square

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



5257519



3359281



2179917



4733259

# Rectangle

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



5257519



4341546



2179917



3554898



# Sweetspot

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



5257519



6905948



5254982



3551278



11908533



3552822



# Same Dimension

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



5257519



6898740



5261615



2696741



6889472



15222272



# Inverse Universe

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



3098192



3430761



3094096



2435113



18793



41704



# Previews

## White Background



This preview shows how the Decimal color 5257519 looks on a white background.

## Color Contrast Check

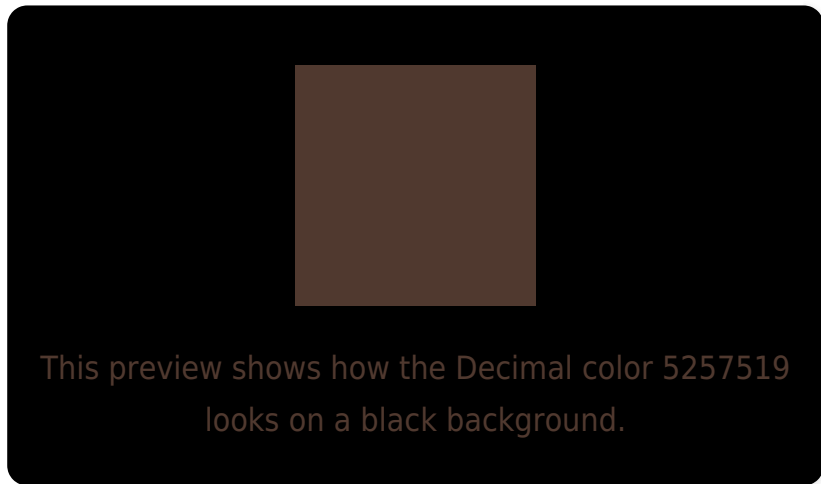
Large Text (above 18pt) WCAG AA ✓ Pass

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 5257519 Background



This preview shows how black text looks on a background with the Decimal color 5257519.

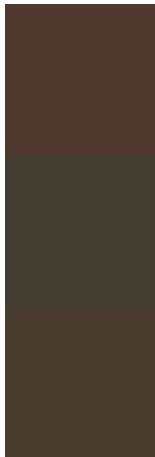


This preview shows how white text looks on a background with the Decimal color 5257519.

# 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**  
5257519

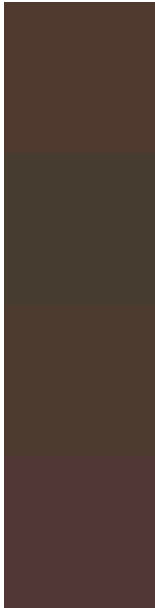
**Protanopia**  
4341297

**Deuteranopia**  
4865070



**Tritanopia**  
5322555

# Trichromacy



**Original Color**  
5257519

**Protanomaly**  
4668464

**Deuteranomaly**  
4995886

**Tritanomaly**  
5322807

# Monochromacy



**Original Color**  
5257519

**Achromatopsia**  
4144959

**Achromatomaly**  
4537657

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5257519 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 #50392F looks like.

```
.text, #text, p{  
  color:#50392F  
}
```

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 #50392F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50392F
}
```

## Border

The CSS property to change the border of an element to Decimal 5257519 is called "border". The border property can be set on classes, ids or directly on the HTML element.

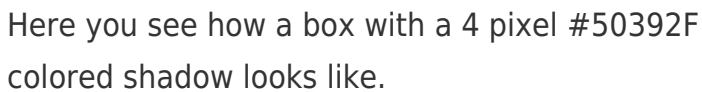
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#50392F }
```

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

```
.border{ border-color:#50392F }
```

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



Here you see how a box with a 4 pixel #50392F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50392F; -webkit-box-shadow:4px 4px  
4px 4px #50392F; box-shadow:4px 4px 4px  
4px #50392F }
```

# Background

The CSS property to change the background color of an element to Decimal 5257519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50392F }
```

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

```
.background{ background-color:#50392F }
```

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