

# Converting Colors

Decimal(5382451)

Have a look what the booklet for  
Decimal(5382451) contains.

<b>Decimal(5382451)</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(5382451)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	522133
RGB	82, 33, 51
RGB Percent	32%, 13%, 20%
CMY	0.6784, 0.8706, 0.8000
CMYK	0.00, 0.60, 0.38, 0.68
HSL	338°, 43%, 23%
HSV	338°, 60%, 32%
XYZ	4.6211, 3.1206, 3.4907
YIQ	49.7030, 23.4260, 15.9860

# Conversions

## Conversions Part 2

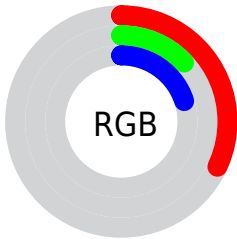
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	82, 33, 51
Decimal	5382451
CIE Lab	20.52, 25.07, -0.57
CIE LCh	21, 25.080, 358.700
Yxy	3.1206, 0.4114, 0.2778
Android (android.graphics.Color)	4283572531 (0xFF522133)
YUV	49.7030, 0.6394, 28.3245
Hunter-Lab	17.6651, 15.7804, 0.6495

# Details

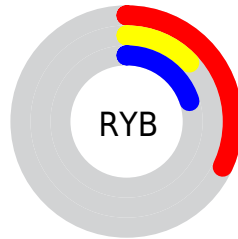
The Decimal color **5382451** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2183744**, and the grayscale version is **3289650**.

A 20% lighter version of the original color is **8736865**, and **2555908** is the 20% darker color. If you saturate the color by 10%, you get **5380398**, and if you desaturate by 10%, it is **5384504**.

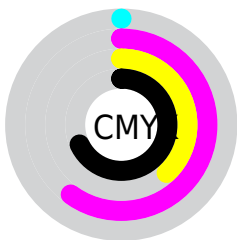
# Distribution



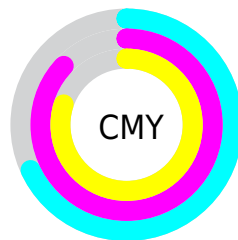
- Red (32%)
- Green (13%)
- Blue (20%)



- Red (32%)
- Yellow (13%)
- Blue (20%)



- Cyan (0%)
- Magenta (60%)
- Yellow (38%)
- Black (68%)



- Cyan (68%)
- Magenta (87%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5382451 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 5382451 by changing the saturation by 10% instead.





5382451



5382451

16777215



3803678



8736865



2555908



10512506



0



12354196



14195886



16103370



16765926



16773119



5382451



5382451

■ 5380398

■ 5384504

■ 5378345

■ 5386557

■ 5376035

■ 5388867

■ 5373982

■ 5390920

■ 5392973

■ 5395026

■ 5397079

■ 5399389

■ 5401442

# Harmonies

## Analogous

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



4662597



5382451



5382945

# Triad

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



5382451



2766351



14417

# Complementary

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



5382451



2183744

# 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.



14915



5382451



1128733

# Square

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



5382451



3944458



14896



210006

# Rectangle

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



5382451



5121814



14896



14669



# Sweetspot

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



5382451



7034975



4137298



3549742



11908533



3552822



# Same Dimension

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



5382451



7020090



5383969



2696486



6881318



15204437



# Inverse Universe

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



5382451



7020090



2182226



2696486



6881318

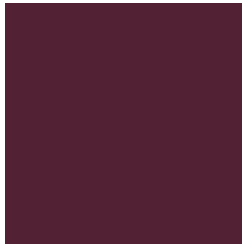


15204437



# Previews

## White Background



This preview shows how the Decimal color 5382451 looks on a white background.

## Color Contrast Check

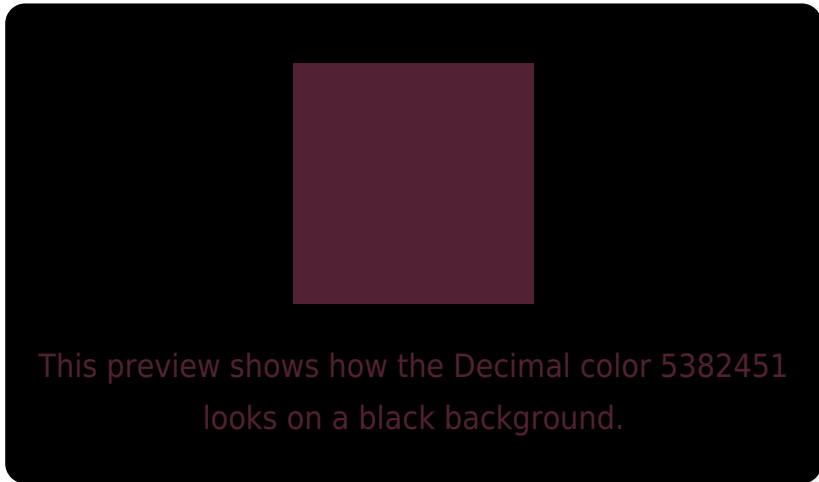
Large Text (above 18pt) WCAG AA ✓ Pass

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

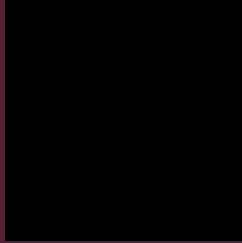
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5382451 Background



This preview shows how black text looks on a background with the Decimal color 5382451.



This preview shows how white text looks on a background with the Decimal color 5382451.

# 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**  
5382451

**Protanopia**  
3158589

**Deuteranopia**  
3682609



**Tritanopia**  
5317670

# Trichromacy



**Original Color**  
5382451

**Protanomaly**  
3943481

**Deuteranomaly**  
4270898

**Tritanomaly**  
5317419

# Monochromacy



**Original Color**  
5382451

**Achromatopsia**  
3289650

**Achromatomaly**  
4074546

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5382451 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 #522133 looks like.

```
.text, #text, p{  
    color:#522133  
}
```

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 #522133 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #522133
}
```

## Border

The CSS property to change the border of an element to Decimal 5382451 is called "border". The border property can be set on classes, ids or directly on the HTML element.

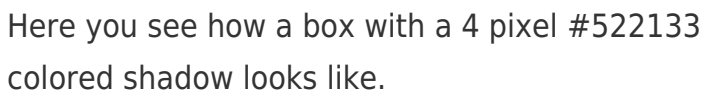
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#522133 }
```

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

```
.border{ border-color:#522133 }
```

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



Here you see how a box with a 4 pixel #522133 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #522133; -webkit-box-shadow:4px 4px  
4px 4px #522133; box-shadow:4px 4px 4px  
4px #522133 }
```

# Background

The CSS property to change the background color of an element to Decimal 5382451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#522133 }
```

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

```
.background{ background-color:#522133 }
```

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