

# Converting Colors

Decimal(8198967)

Have a look what the booklet for  
Decimal(8198967) contains.

<b>Decimal(8198967)</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(8198967)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D1B37
RGB	125, 27, 55
RGB Percent	49%, 11%, 22%
CMY	0.5098, 0.8941, 0.7843
CMYK	0.00, 0.78, 0.56, 0.51
HSL	343°, 64%, 30%
HSV	343°, 78%, 49%
XYZ	9.5390, 5.4197, 4.1578
YIQ	59.4940, 49.4200, 29.4840

# Conversions

## Conversions Part 2

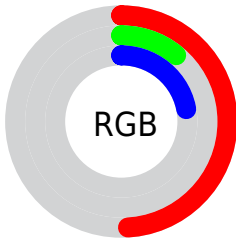
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	125, 27, 55
Decimal	8198967
CIE <sub>Lab</sub>	27.90, 43.14, 8.34
CIE <sub>LCh</sub>	28, 43.939, 10.939
Yxy	5.4197, 0.4990, 0.2835
Android (android.graphics.Color)	4286389047 (0xFF7D1B37)
YUV	59.4940, -2.2155, 57.4488
Hunter-Lab	23.2802, 32.3993, 5.7071

# Details

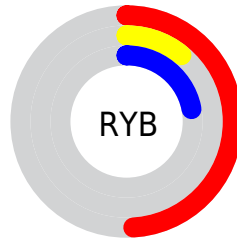
The Decimal color **8198967** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **1801569**, and the grayscale version is **3881787**.

A 20% lighter version of the original color is **11948390**, and **4587531** is the 20% darker color. If you saturate the color by 10%, you get **8195886**, and if you desaturate by 10%, it is **8202304**.

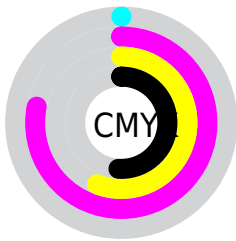
# Distribution



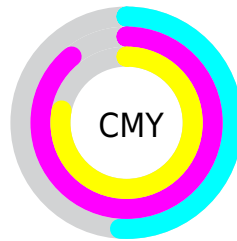
- Red (49%)
- Green (11%)
- Blue (22%)



- Red (49%)
- Yellow (11%)
- Blue (22%)



- Cyan (0%)
- Magenta (78%)
- Yellow (56%)
- Black (51%)



- Cyan (51%)
- Magenta (89%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8198967 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 8198967 by changing the saturation by 10% instead.



 8198967

 8198967

16777215

 6357026

 11948390

 4587531

 13855614

 3014658

 15828376


 0

 16752819

 16760014

 16767467

 16774911

 8198967

 8198967

■ 8195886

■ 8202304

■ 8192549

■ 8205385

■ 8192036

■ 8208722

■ 8211803

■ 8215140

■ 8218221

■ 8221558

■ 8224638

■ 8227975

# Harmonies

## Analogous

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



7545177



8198967



7743511

# Triad

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



8198967



1985542



19586

# Complementary

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



8198967



1801569

# 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.



20590



8198967



20522

# Square

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



8198967



4604928



20814



17029

# Rectangle

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



8198967



6959872



20814



20093



# Sweetspot

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



8198967



10714247



6298493



5388865



13750737



5395026



# Same Dimension

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



8198967



10684982



8204059



4208955



8388644



0



# Inverse Universe

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



8198967



10684982



1796477



4208955



8388644

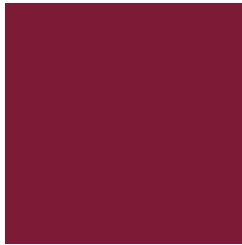


0



# Previews

## White Background



This preview shows how the Decimal color 8198967 looks on a white background.

## Color Contrast Check

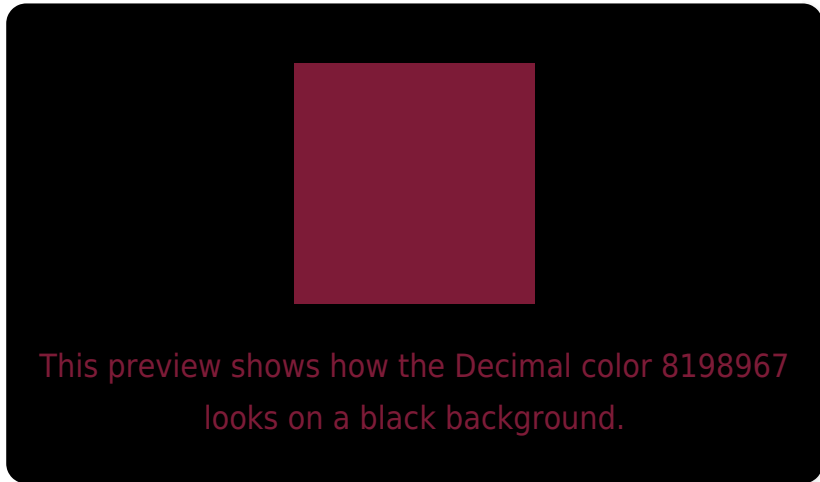
Large Text (above 18pt) WCAG AA ✓ Pass

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 8198967 Background



This preview shows how black text looks on a background with the Decimal color 8198967.

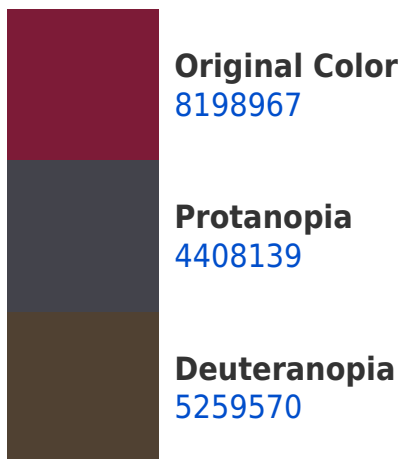


This preview shows how white text looks on a background with the Decimal color 8198967.

# 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





# Trichromacy



**Original Color**  
8198967

**Protanomaly**  
5780548

**Deuteranomaly**  
6304564

**Tritanomaly**  
8134185

# Monochromacy



**Original Color**  
8198967

**Achromatopsia**  
3881787

**Achromatomaly**  
5451578

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8198967 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 #7D1B37 looks like.

```
.text, #text, p{  
  color:#7D1B37  
}
```

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 #7D1B37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D1B37
}
```

## Border

The CSS property to change the border of an element to Decimal 8198967 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
#7D1B37 }
```

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

```
.border{ border-color:#7D1B37 }
```

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

Here you see how a box with a 4 pixel #7D1B37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D1B37; -webkit-box-shadow:4px 4px  
4px 4px #7D1B37; box-shadow:4px 4px 4px  
4px #7D1B37 }
```

# Background

The CSS property to change the background color of an element to Decimal 8198967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D1B37 }
```

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

```
.background{ background-color:#7D1B37 }
```

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