

# Converting Colors

Decimal(8985175)

Have a look what the booklet for  
Decimal(8985175) contains.

<b>Decimal(8985175)</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(8985175)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	891A57
RGB	137, 26, 87
RGB Percent	54%, 10%, 34%
CMY	0.4627, 0.8980, 0.6588
CMYK	0.00, 0.81, 0.36, 0.46
HSL	327°, 68%, 32%
HSV	327°, 81%, 54%
XYZ	12.4062, 6.7453, 9.6649
YIQ	66.1430, 46.5750, 42.5030

# Conversions

## Conversions Part 2

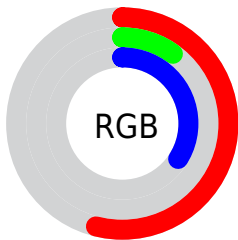
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	137, 26, 87
Decimal	8985175
CIE Lab	31.22, 50.10, -7.80
CIE LCh	31, 50.702, 351.148
Yxy	6.7453, 0.4305, 0.2341
Android (android.graphics.Color)	4287175255 (0xFF891A57)
YUV	66.1430, 10.2825, 62.1416
Hunter-Lab	25.9717, 39.8160, -3.8836

# Details

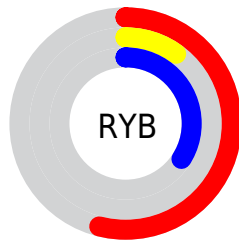
The Decimal color **8985175** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **1739084**, and the grayscale version is **4342338**.

A 20% lighter version of the original color is **12735369**, and **5373994** is the 20% darker color. If you saturate the color by 10%, you get **8981585**, and if you desaturate by 10%, it is **8988765**.

# Distribution



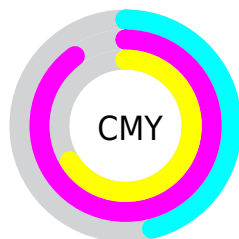
- Red (54%)
- Green (10%)
- Blue (34%)



- Red (54%)
- Yellow (10%)
- Blue (34%)



- Cyan (0%)
- Magenta (81%)
- Yellow (36%)
- Black (46%)



- Cyan (46%)
- Magenta (90%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8985175 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 8985175 by changing the saturation by 10% instead.



 8985175

 8985175


16777215

 7143488

 12735369

 5373994

 14642851

 3801110

 16615870

 1638401

 16754138

 0

 16761334

 16768511

 16776191

 8985175

 8985175

■ 8981585

■ 8988765

■ 8978507

■ 8992099

■ 8995690

■ 8999280

■ 9002614

■ 9006204

■ 9009794

■ 9013384

■ 9016719

# Harmonies

## Analogous

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



7155836



8985175



9247792

# Triad

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



8985175



4214784



22919

# Complementary

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



8985175



1739084

# 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.



23397



8985175



22289

# Square

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



8985175



6571008



23100



21145

# Rectangle

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



8985175



8792598



23100



23165



# Sweetspot

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



8985175



11765919



4987529



5848910



14277081



5855577



# Same Dimension

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



8985175



11732325



8985120



4537922



8716361



327683



# Inverse Universe

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



8985175



11732325



1739139



4537922



8716361



327683



# Previews

## White Background



This preview shows how the Decimal color 8985175 looks on a white background.

## Color Contrast Check

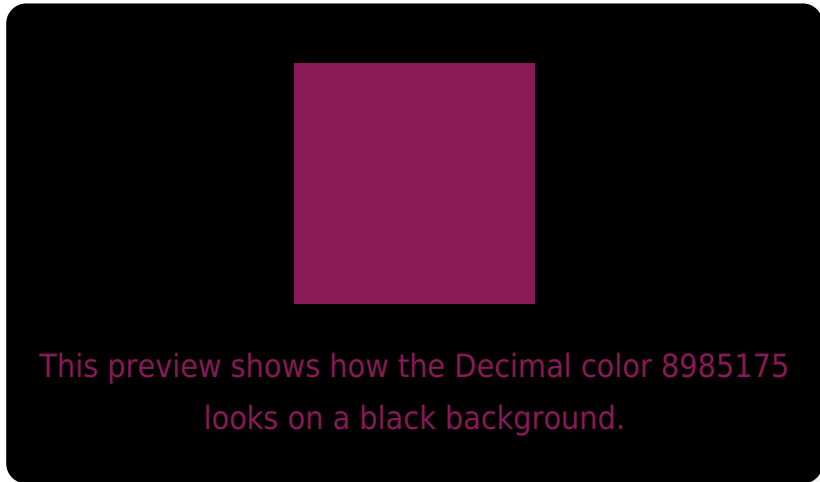
Large Text (above 18pt) WCAG AA ✓ Pass

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 8985175 Background



This preview shows how black text looks on a background with the Decimal color 8985175.



This preview shows how white text looks on a background with the Decimal color 8985175.

# 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**  
8985175

**Protanopia**  
3820151

**Deuteranopia**  
5196113



# Trichromacy



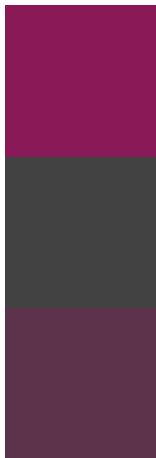
**Original Color**  
8985175

**Protanomaly**  
5716331

**Deuteranomaly**  
6568019

**Tritanomaly**  
8856635

# Monochromacy



**Original Color**  
8985175

**Achromatopsia**  
4342338

**Achromatomaly**  
6042442

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8985175 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 #891A57 looks like.

```
.text, #text, p{  
    color:#891A57  
}
```

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 #891A57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #891A57
}
```

## Border

The CSS property to change the border of an element to Decimal 8985175 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
#891A57 }
```

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

```
.border{ border-color:#891A57 }
```

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

Here you see how a box with a 4 pixel #891A57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #891A57; -webkit-box-shadow:4px 4px  
4px 4px #891A57; box-shadow:4px 4px 4px  
4px #891A57 }
```

# Background

The CSS property to change the background color of an element to Decimal 8985175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#891A57 }
```

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

```
.background{ background-color:#891A57 }
```

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