

# Converting Colors

Decimal(8994937)

Have a look what the booklet for  
Decimal(8994937) contains.

<b>Decimal(8994937)</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(8994937)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	894079
RGB	137, 64, 121
RGB Percent	54%, 25%, 47%
CMY	0.4627, 0.7490, 0.5255
CMYK	0.00, 0.53, 0.12, 0.46
HSL	313°, 36%, 39%
HSV	313°, 53%, 54%
XYZ	15.6011, 10.3656, 19.2677
YIQ	92.3250, 25.2110, 33.2030

# Conversions

## Conversions Part 2

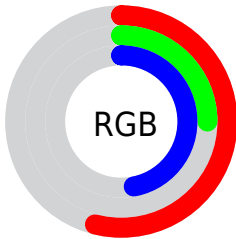
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	137, 64, 121
Decimal	8994937
CIE <sub>Lab</sub>	38.49, 38.89, -18.33
CIE <sub>LCh</sub>	38, 42.995, 334.758
Yxy	10.3656, 0.3449, 0.2292
Android (android.graphics.Color)	4287185017 (0xFF894079)
YUV	92.3250, 14.1368, 39.1800
Hunter-Lab	32.1957, 30.1535, -12.9454

# Details

The Decimal color **8994937** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4229456**, and the grayscale version is **6052956**.

A 20% lighter version of the original color is **12612525**, and **5573448** is the 20% darker color. If you saturate the color by 10%, you get **8991350**, and if you desaturate by 10%, it is **8998524**.

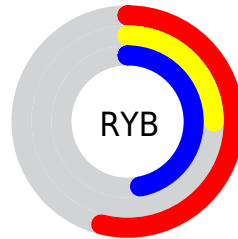
# Distribution



Red (54%)

Green (25%)

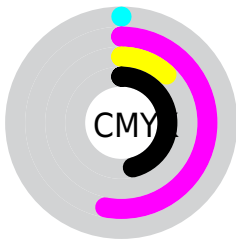
Blue (47%)



Red (54%)

Yellow (25%)

Blue (47%)

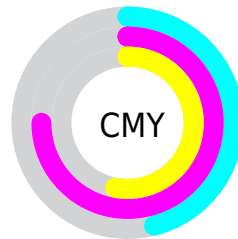


Cyan (0%)

Magenta (53%)

Yellow (12%)

Black (46%)



Cyan (46%)

Magenta (75%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8994937 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 8994937 by changing the saturation by 10% instead.



8994937

8994937

16777215

7219040

12612525

5573448

14519753

3932210

16427237

2555933

16762111

0

16769279

16776703

8994937

8994937

8991350

8998524

8988019

9001855

8984432

9005442

8980845

9009029

8978539

9012360

9015947

9019534

9023121

9026452

# Harmonies

## Analogous

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



6508436



8994937



10041686

# Triad

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



8994937



6773515



27266

# Complementary

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



8994937



4229456

# 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.



27487



8994937



4416540

# Square

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



8994937



8670745



26939



26265

# Rectangle

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



8994937



10042432



26939



27511



# Sweetspot

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



8994937



11769516



5259401



5851222



14277081



5855577



# Same Dimension

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



8994937



11747481



8994901



4537923



8716392



327684



# Inverse Universe

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



8994937



11747481



4229492



4537923



8716392

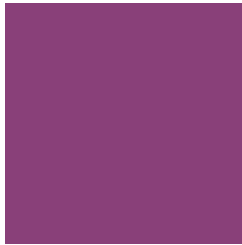


327684



# Previews

## White Background



This preview shows how the Decimal color 8994937 looks on a white background.

## Color Contrast Check

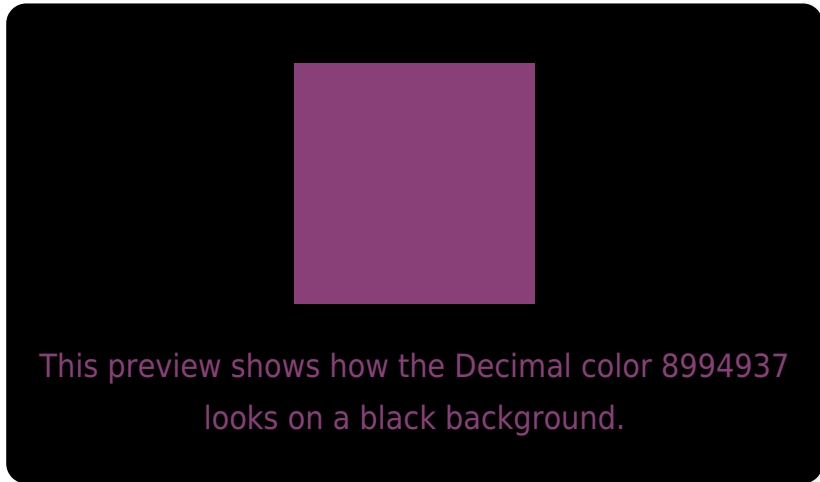
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

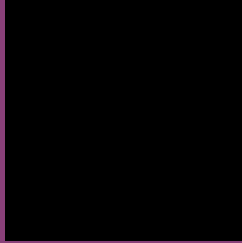
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 8994937 Background



This preview shows how black text looks on a background with the Decimal color 8994937.



This preview shows how white text looks on a background with the Decimal color 8994937.

# 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





**Tritanopia**  
8669775

# Trichromacy



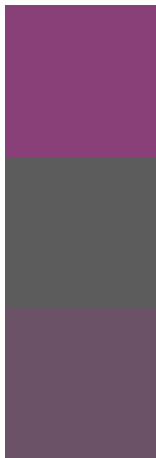
**Original Color**  
8994937

**Protanomaly**  
6312326

**Deuteranomaly**  
6902134

**Tritanomaly**  
8799838

# Monochromacy



**Original Color**  
8994937

**Achromatopsia**  
6052956

**Achromatomaly**  
7098983

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8994937 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 #894079 looks like.

```
.text, #text, p{  
    color:#894079  
}
```

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 #894079 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #894079
}
```

## Border

The CSS property to change the border of an element to Decimal 8994937 is called "border". The border property can be set on classes, ids or directly on the HTML element.

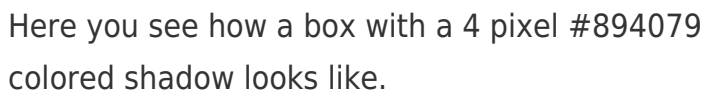
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#894079 }
```

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

```
.border{ border-color:#894079 }
```

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



Here you see how a box with a 4 pixel #894079 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #894079; -webkit-box-shadow:4px 4px  
4px 4px #894079; box-shadow:4px 4px 4px  
4px #894079 }
```

# Background

The CSS property to change the background color of an element to Decimal 8994937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#894079 }
```

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

```
.background{ background-color:#894079 }
```

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