

# Converting Colors

Decimal(8867732)

Have a look what the booklet for  
Decimal(8867732) contains.

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# Color

**Decimal(8867732)**

# Conversions

## Conversions Part 1

Format	Color
Hex	874F94
RGB	135, 79, 148
RGB Percent	53%, 31%, 58%
CMY	0.4706, 0.6902, 0.4196
CMYK	0.09, 0.47, 0.00, 0.42
HSL	289°, 30%, 45%
HSV	289°, 47%, 58%
XYZ	18.1330, 12.8810, 29.5475
YIQ	103.6100, 11.2270, 33.3310

# Conversions

## Conversions Part 2

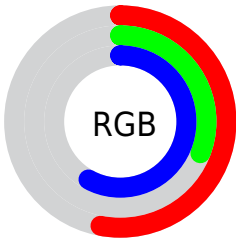
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	135, 79, 148
Decimal	8867732
CIE Lab	42.58, 35.32, -28.48
CIE LCh	43, 45.373, 321.123
Yxy	12.8810, 0.2994, 0.2127
Android (android.graphics.Color)	4287057812 (0xFF874F94)
YUV	103.6100, 21.8843, 27.5290
Hunter-Lab	35.8901, 27.3769, -23.6891

# Details

The Decimal color **8867732** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **6067279**, and the grayscale version is **6776679**.

A 20% lighter version of the original color is **12485322**, and **5447521** is the 20% darker color. If you saturate the color by 10%, you get **8667284**, and if you desaturate by 10%, it is **9068180**.

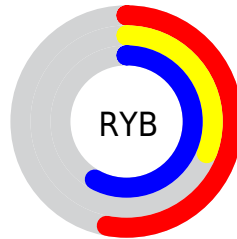
# Distribution



Red (53%)

Green (31%)

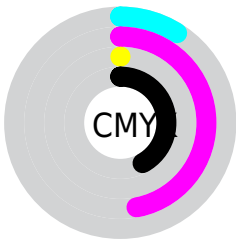
Blue (58%)



Red (53%)

Yellow (31%)

Blue (58%)

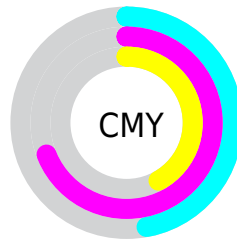


Cyan (9%)

Magenta (47%)

Yellow (0%)

Black (42%)



Cyan (47%)

Magenta (69%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8867732 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 8867732 by changing the saturation by 10% instead.





8867732



8867732

16777215



7157626



12485322



5447521



14327015



3867977



16234751



2424882



16766207



28



16773375



0



8867732



8867732



8667284



9068180



8466836



9268628

8332180

9403284

8131732

9603732

7931284

9804180

7864468

10004628

10205076

10339732

10540180

# Harmonies

## Analogous

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



5267371



8867732



10699377

# Triad

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



8867732



8478483



30334

# Complementary

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



8867732



6067279

# 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.



30296



8867732



6187799

# Square

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



8867732



10178603



3109427



29854

# Rectangle

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



8867732



11092312



3109427



30322



# Sweetspot

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



8867732



12231871



5201300



6180961



14737632



6381921



# Same Dimension

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



8867732



11228351



9719679



4801354



7340170



524298



# Inverse Universe

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



9719644



12538984



5215332



4866884



9043994

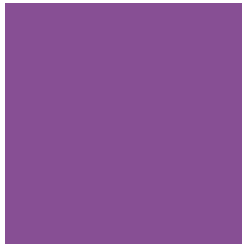


655362



# Previews

## White Background



This preview shows how the Decimal color 8867732 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



This preview shows how the Decimal color 8867732 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

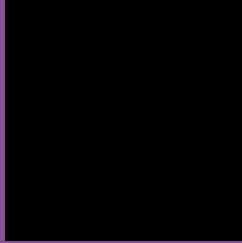
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 8867732 Background



This preview shows how black text looks on a background with the Decimal color 8867732.



This preview shows how white text looks on a background with the Decimal color 8867732.

# 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**  
8412002

# Trichromacy



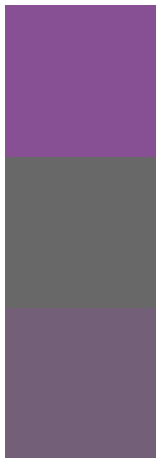
**Original Color**  
8867732

**Protanomaly**  
6380703

**Deuteranomaly**  
6773905

**Tritanomaly**  
8607604

# Monochromacy



**Original Color**  
8867732

**Achromatopsia**  
6842472

**Achromatomaly**  
7561080

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8867732 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 #874F94 looks like.

```
.text, #text, p{  
    color:#874F94  
}
```

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 #874F94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #874F94
}
```

## Border

The CSS property to change the border of an element to Decimal 8867732 is called "border". The border property can be set on classes, ids or directly on the HTML element.

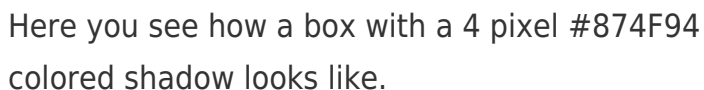
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#874F94 }
```

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

```
.border{ border-color:#874F94 }
```

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



Here you see how a box with a 4 pixel #874F94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #874F94; -webkit-box-shadow:4px 4px  
4px 4px #874F94; box-shadow:4px 4px 4px  
4px #874F94 }
```

# Background

The CSS property to change the background color of an element to Decimal 8867732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#874F94 }
```

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

```
.background{ background-color:#874F94 }
```

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](#).



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