

# Converting Colors

Decimal(8399247)

Have a look what the booklet for  
Decimal(8399247) contains.

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**Color**

**Decimal(8399247)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	80298F
RGB	128, 41, 143
RGB Percent	50%, 16%, 56%
CMY	0.4980, 0.8392, 0.4392
CMYK	0.10, 0.71, 0.00, 0.44
HSL	291°, 55%, 36%
HSV	291°, 71%, 56%
XYZ	14.6530, 8.1582, 26.7890
YIQ	78.6410, 19.1100, 50.1660

# Conversions

## Conversions Part 2

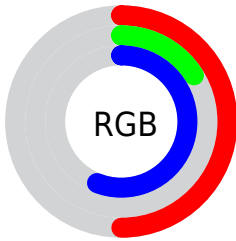
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 41, 143
Decimal	8399247
CIE <sub>Lab</sub>	34.31, 51.25, -38.58
CIE <sub>LCh</sub>	34, 64.146, 323.026
Yxy	8.1582, 0.2954, 0.1645
Android (android.graphics.Color)	4286589327 (0xFF80298F)
YUV	78.6410, 31.7290, 43.2878
Hunter-Lab	28.5626, 41.5879, -35.6145

# Details

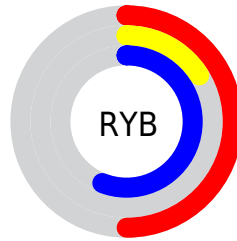
The Decimal color **8399247** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **3706665**, and the grayscale version is **5131854**.

A 20% lighter version of the original color is **12082885**, and **4915292** is the 20% darker color. If you saturate the color by 10%, you get **8264591**, and if you desaturate by 10%, it is **8533903**.

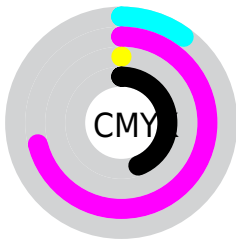
# Distribution



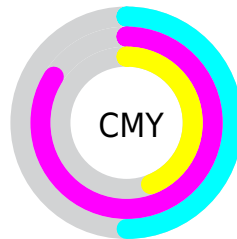
- Red (50%)
- Green (16%)
- Blue (56%)



- Red (50%)
- Yellow (16%)
- Blue (56%)



- Cyan (10%)
- Magenta (71%)
- Yellow (0%)
- Black (44%)



- Cyan (50%)
- Magenta (84%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8399247 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 8399247 by changing the saturation by 10% instead.



8399247

8399247

16777215

6620789

12082885

4915292

13924834

3276868

15832318

1572909

16756991

279

16764159

0

16771583

8399247

8399247

8264591

8533903

8129679

8668815

7995535

8803471

8938127

9138575

9273231

9407887

9542543

9677455

# Harmonies

## Analogous

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



2050480



8399247



10616927

# Triad

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



8399247



7162624



26232

# Complementary

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



8399247



3706665

# 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.



25923



8399247



4086272

# Square

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



8399247



9515264



24836



25762

# Rectangle

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



8399247



10944573



24836



26214



# Sweetspot

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



8399247



11834298



2701455



5982046



14606046



6184542



# Same Dimension

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



8399247



10689210



9382251



4603975



7536775



458760



# Inverse Universe

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



9382200



12196402



2723661



4669505



8847380



524289



# Previews

## White Background



This preview shows how the Decimal color 8399247 looks on a white background.

## Color Contrast Check

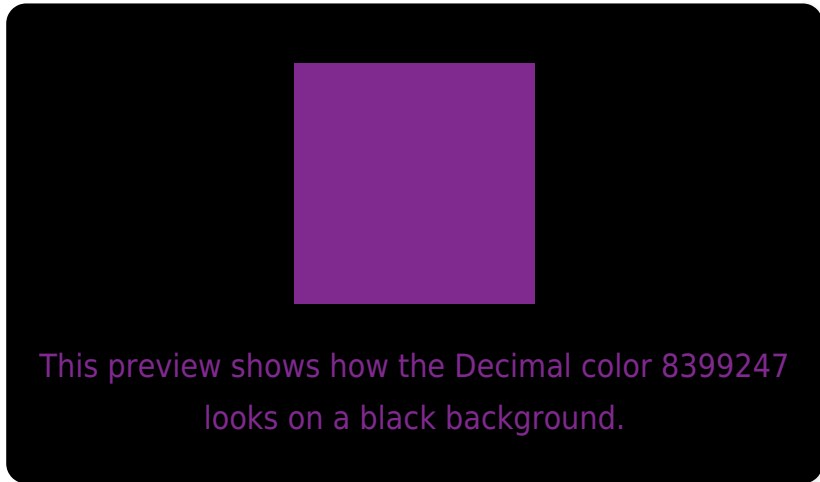
Large Text (above 18pt) WCAG AA ✓ Pass

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

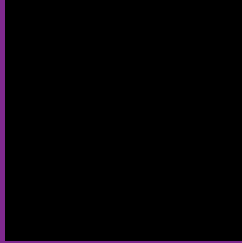
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Decimal 8399247 Background



This preview shows how black text looks on a background with the Decimal color 8399247.

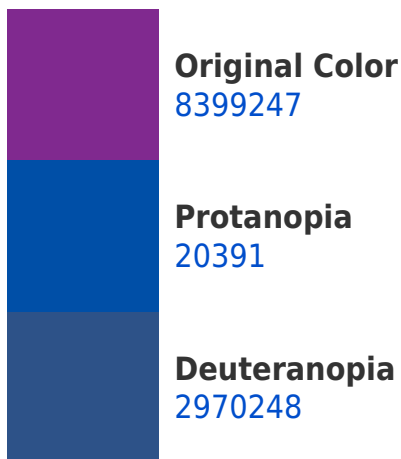


This preview shows how white text looks on a background with the Decimal color 8399247.

# 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**  
8399247



**Protanomaly**  
3096990



**Deuteranomaly**  
4932491



**Tritanomaly**  
8010081

# Monochromacy



**Original Color**  
8399247



**Achromatopsia**  
5197647



**Achromatomaly**  
6373734

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8399247 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 #80298F looks like.

```
.text, #text, p{  
    color:#80298F  
}
```

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 #80298F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80298F
}
```

## Border

The CSS property to change the border of an element to Decimal 8399247 is called "border". The border property can be set on classes, ids or directly on the HTML element.

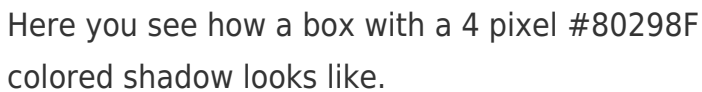
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#80298F }
```

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

```
.border{ border-color:#80298F }
```

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



Here you see how a box with a 4 pixel #80298F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80298F; -webkit-box-shadow:4px 4px  
4px 4px #80298F; box-shadow:4px 4px 4px  
4px #80298F }
```

# Background

The CSS property to change the background color of an element to Decimal 8399247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80298F }
```

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

```
.background{ background-color:#80298F }
```

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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