

# Converting Colors

Decimal(8399559)

Have a look what the booklet for  
Decimal(8399559) contains.

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**Color**

**Decimal(8399559)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	802AC7
RGB	128, 42, 199
RGB Percent	50%, 16%, 78%
CMY	0.4980, 0.8353, 0.2196
CMYK	0.36, 0.79, 0.00, 0.22
HSL	273°, 65%, 47%
HSV	273°, 79%, 78%
XYZ	20.0389, 10.3686, 54.9780
YIQ	85.6120, 0.8590, 67.0590

# Conversions

## Conversions Part 2

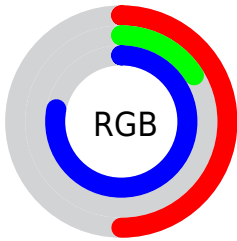
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	128, 42, 199
Decimal	8399559
CIE Lab	38.50, 62.69, -65.30
CIE LCh	38, 90.523, 313.832
Yxy	10.3686, 0.2347, 0.1214
Android (android.graphics.Color)	4286589639 (0xFF802AC7)
YUV	85.6120, 55.9003, 37.1743
Hunter-Lab	32.2004, 54.7330, -78.6898

# Details

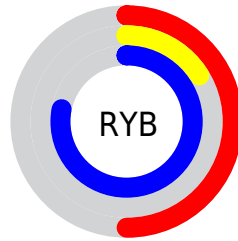
The Decimal color **8399559** is a dark color, and the websafe version is hex **9933CC**. The color can be described as dark muted purple. A complement of this color would be **7456554**, and the grayscale version is **5592405**.

A 20% lighter version of the original color is **12215039**, and **4587664** is the 20% darker color. If you saturate the color by 10%, you get **7804615**, and if you desaturate by 10%, it is **8994503**.

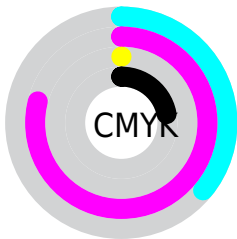
# Distribution



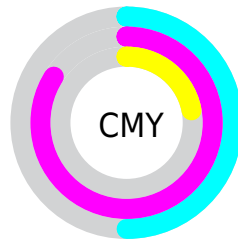
- Red (50%)
- Green (16%)
- Blue (78%)



- Red (50%)
- Yellow (16%)
- Blue (78%)



- Cyan (36%)
- Magenta (79%)
- Yellow (0%)
- Black (22%)



- Cyan (50%)
- Magenta (84%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8399559 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 8399559 by changing the saturation by 10% instead.



 8399559

 8399559

16777215


 6488747

 12215039

 4587664

 14188031

 2424949

 16161279

 92

 16758271

 67

 16765439

 812

 16772863

 278

 0

 8399559

 8399559

■ 7804615

■ 8994503

■ 7209671

■ 9589447

■ 7143623

■ 10184391

■ 10779335

■ 11374279

■ 11968967

■ 12563911

■ 13158855

■ 13753799

# Harmonies

## Analogous

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



23534



8399559



12779653

# Triad

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



8399559



9390080



30332

# Complementary

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



8399559



7456554

# 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.



29486



8399559



5267968

# Square

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



8399559



12386304



28160



30401

# Rectangle

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



8399559



13762645



28160



30051



# Sweetspot

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



8399559



14926591



2782151



7297920



0



8421504



# Same Dimension

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



8399559



9506303



13052610



6249059



5832867



1310756



# Inverse Universe

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



13052529



16715130



2803503



6511198



10682442



2359312



# Previews

## White Background



This preview shows how the Decimal color 8399559 looks on a white background.

## Color Contrast Check

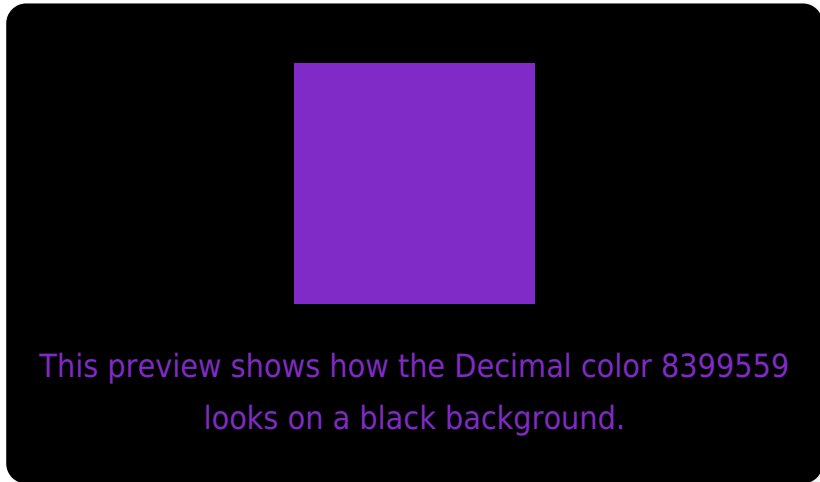
Large Text (above 18pt) WCAG AA ✓ Pass

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

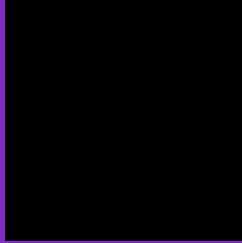
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 8399559 Background



This preview shows how black text looks on a background with the Decimal color 8399559.

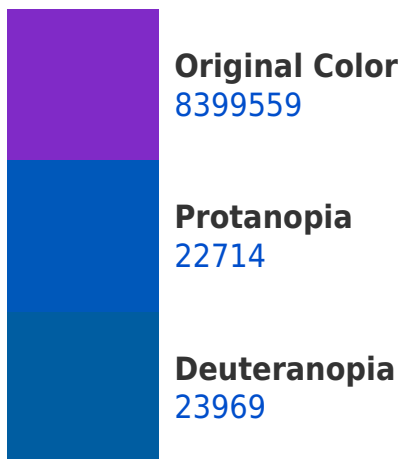


This preview shows how white text looks on a background with the Decimal color 8399559.

# 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**  
7034204

# Trichromacy



**Original Color**  
8399559



**Protanomaly**  
3098559



**Deuteranomaly**  
3099311



**Tritanomaly**  
7554435

# Monochromacy



**Original Color**  
8399559



**Achromatopsia**  
5658198



**Achromatomaly**  
6637183

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8399559 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 #802AC7 looks like.

```
.text, #text, p{  
    color:#802AC7  
}
```

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 #802AC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #802AC7
}
```

## Border

The CSS property to change the border of an element to Decimal 8399559 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
#802AC7 }
```

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

```
.border{ border-color:#802AC7 }
```

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

Here you see how a box with a 4 pixel #802AC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #802AC7; -webkit-box-shadow:4px 4px  
4px 4px #802AC7; box-shadow:4px 4px 4px  
4px #802AC7 }
```

# Background

The CSS property to change the background color of an element to Decimal 8399559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#802AC7 }
```

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

```
.background{ background-color:#802AC7 }
```

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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