

# Converting Colors

Decimal(9123009)

Have a look what the booklet for  
Decimal(9123009) contains.

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**Color**

**Decimal(9123009)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8B34C1
RGB	139, 52, 193
RGB Percent	55%, 20%, 76%
CMY	0.4549, 0.7961, 0.2431
CMYK	0.28, 0.73, 0.00, 0.24
HSL	277°, 58%, 48%
HSV	277°, 73%, 76%
XYZ	21.5011, 11.7952, 51.5955
YIQ	94.0870, 6.5910, 62.2950

# Conversions

## Conversions Part 2

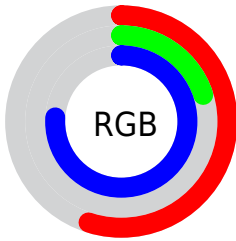
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	139, 52, 193
Decimal	9123009
CIE <sub>Lab</sub>	40.89, 59.45, -57.84
CIE <sub>LCh</sub>	41, 82.942, 315.785
Yxy	11.7952, 0.2533, 0.1389
Android (android.graphics.Color)	4287313089 (0xFF8B34C1)
YUV	94.0870, 48.7641, 39.3887
Hunter-Lab	34.3441, 51.6473, -65.0310

# Details

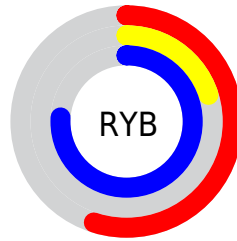
The Decimal color **9123009** is a dark color, and the websafe version is hex **9933CC**. The color can be described as dark muted purple. A complement of this color would be **6996276**, and the grayscale version is **6184542**.

A 20% lighter version of the original color is **12937978**, and **5439626** is the 20% darker color. If you saturate the color by 10%, you get **8659393**, and if you desaturate by 10%, it is **9586625**.

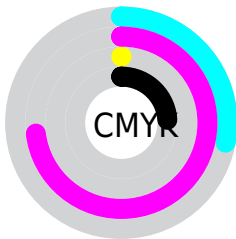
# Distribution



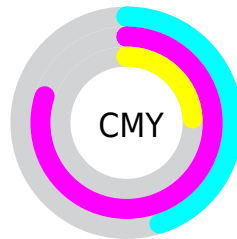
- Red (55%)
- Green (20%)
- Blue (76%)



- Red (55%)
- Yellow (20%)
- Blue (76%)



- Cyan (28%)
- Magenta (73%)
- Yellow (0%)
- Black (24%)



- Cyan (45%)
- Magenta (80%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9123009 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 9123009 by changing the saturation by 10% instead.





9123009



9123009

16777215



7279781



12937978



5439626



14845695



3539056



16753151



1769559



16760319



63



16767743



808



16775167



273



0



9123009



9123009

8659393

9586625

8129985

10116033

7798977

10579649

11108801

11572417

12036289

12565441

13029057

13558465

# Harmonies

## Analogous

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



24294



9123009



12910724

# Triad

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



9123009



9457920



31620

# Complementary

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



9123009



6996276

# 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.



31036



9123009



5597440

# Square

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



9123009



12329728



29696



31426

# Rectangle

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



9123009



13697111



29696



31596



# Sweetspot

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



9123009



15057914



3435201



7429245



16579836



8224125



# Same Dimension

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



9123009



10886906



12661937



6117217



6488225



1310753



# Inverse Universe

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



12661866



16391794



3457348



6379355



10551358



2162701



# Previews

## White Background



This preview shows how the Decimal color 9123009 looks on a white background.

## Color Contrast Check

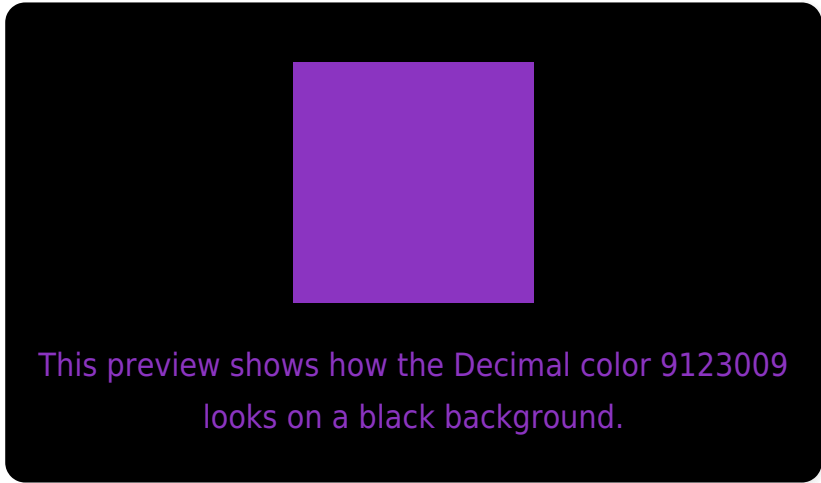
Large Text (above 18pt) WCAG AA ✓ Pass

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

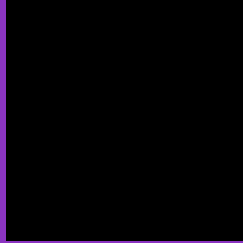
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 9123009 Background



This preview shows how black text looks on a background with the Decimal color 9123009.

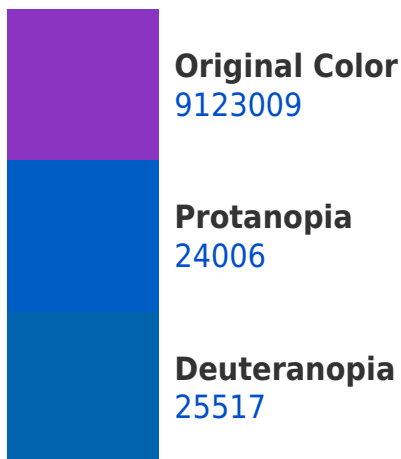



This preview shows how white text looks on a background with the Decimal color 9123009.

# 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](#).

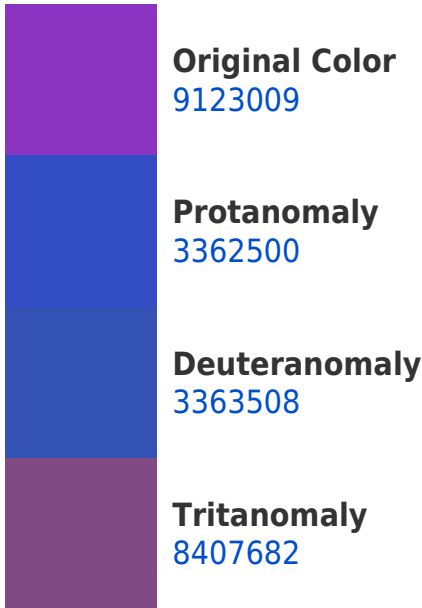
## Dichromacy



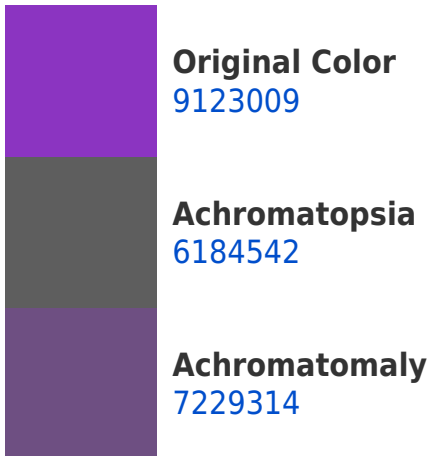


**Tritanopia**  
8017758

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9123009 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 #8B34C1 looks like.

```
.text, #text, p{  
    color:#8B34C1  
}
```

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 #8B34C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B34C1
}
```

## Border

The CSS property to change the border of an element to Decimal 9123009 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
#8B34C1 }
```

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

```
.border{ border-color:#8B34C1 }
```

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

Here you see how a box with a 4 pixel #8B34C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B34C1; -webkit-box-shadow:4px 4px  
4px 4px #8B34C1; box-shadow:4px 4px 4px  
4px #8B34C1 }
```

# Background

The CSS property to change the background color of an element to Decimal 9123009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B34C1 }
```

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

```
.background{ background-color:#8B34C1 }
```

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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