

# Converting Colors

Decimal(9254051)

Have a look what the booklet for  
Decimal(9254051) contains.

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**Color**

**Decimal(9254051)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8D34A3
RGB	141, 52, 163
RGB Percent	55%, 20%, 64%
CMY	0.4471, 0.7961, 0.3608
CMYK	0.13, 0.68, 0.00, 0.36
HSL	288°, 52%, 42%
HSV	288°, 68%, 64%
XYZ	18.8234, 10.7630, 35.7357
YIQ	91.2650, 17.4130, 53.3890

# Conversions

## Conversions Part 2

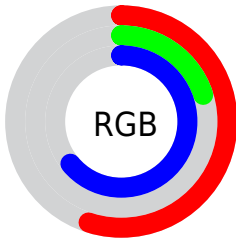
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	141, 52, 163
Decimal	9254051
CIE <sub>Lab</sub>	39.18, 53.61, -42.82
CIE <sub>LCh</sub>	39, 68.610, 321.382
Yxy	10.7630, 0.2882, 0.1648
Android (android.graphics.Color)	4287444131 (0xFF8D34A3)
YUV	91.2650, 35.3654, 43.6176
Hunter-Lab	32.8071, 45.0036, -41.6177

# Details

The Decimal color **9254051** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **4891444**, and the grayscale version is **5987163**.

A 20% lighter version of the original color is **12937947**, and **5701742** is the 20% darker color. If you saturate the color by 10%, you get **9053347**, and if you desaturate by 10%, it is **9454755**.

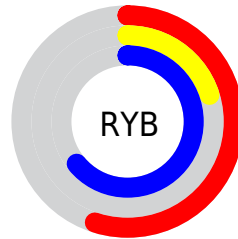
# Distribution



Red (55%)

Green (20%)

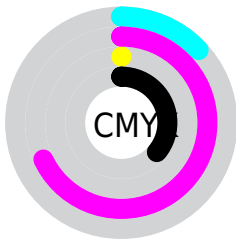
Blue (64%)



Red (55%)

Yellow (20%)

Blue (64%)

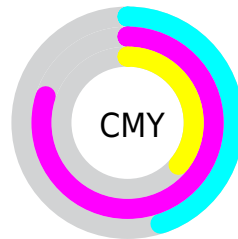


Cyan (13%)

Magenta (68%)

Yellow (0%)

Black (36%)



Cyan (45%)

Magenta (80%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9254051 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 9254051 by changing the saturation by 10% instead.



9254051

9254051

16777215

7476872

12937947

5701742

14845175

3932246

16752895

2490430

16760063

39

16767231

272

16774911

0

9254051

9254051

9053347

9454755

■ 8852387

■ 9655715

■ 8586147

■ 9921955

■ 8585379

■ 10122659

■ 10323619

■ 10524323

■ 10790563

■ 10991267

■ 11192227

# Harmonies

## Analogous

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



1594822



9254051



11796591

# Triad

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



9254051



8344576



29572

# Complementary

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



9254051



4891444

# 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.



29258



9254051



4941056

# Square

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



9254051



10827776



28164



29108

# Rectangle

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



9254051



12255306



28164



29553



# Sweetspot

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



9254051



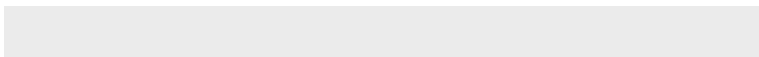
13347284



3426979



6705515



15461355



7039851



# Same Dimension

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



9254051



11609812



10695810



5261650



7667857



917522



# Inverse Universe

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



10695754



13903432



3449685



5392715



9502749



1179652



# Previews

## White Background



This preview shows how the Decimal color 9254051 looks on a white background.

## Color Contrast Check

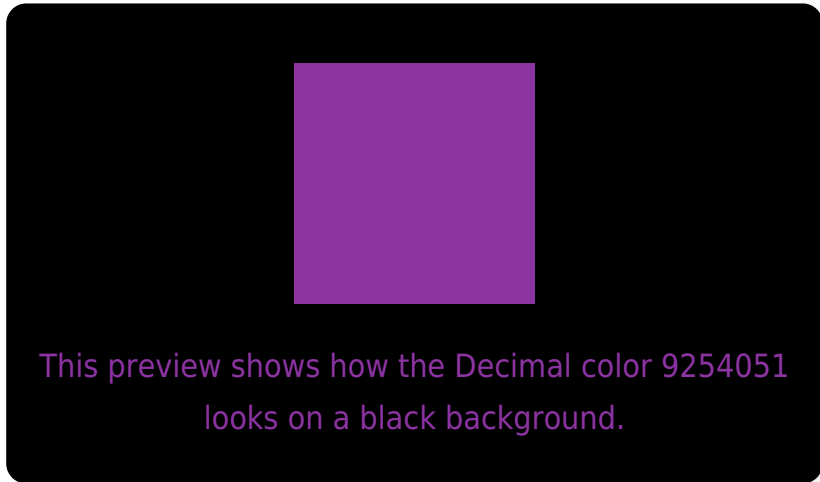
Large Text (above 18pt) WCAG AA ✓ Pass

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

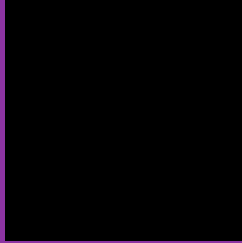
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 9254051 Background



This preview shows how black text looks on a background with the Decimal color 9254051.

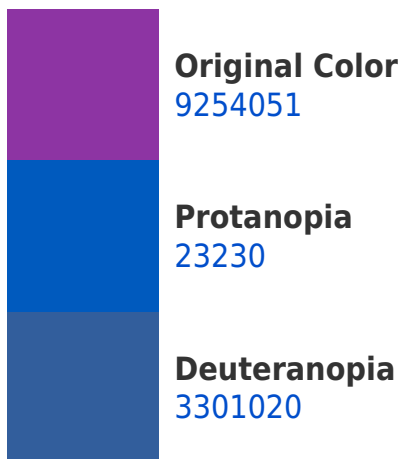



This preview shows how white text looks on a background with the Decimal color 9254051.

# 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**  
8539731

# Trichromacy



**Original Color**  
9254051



**Protanomaly**  
3361972



**Deuteranomaly**  
5459871



**Tritanomaly**  
8799600

# Monochromacy



**Original Color**  
9254051



**Achromatopsia**  
5987163



**Achromatomaly**  
7163253

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9254051 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 #8D34A3 looks like.

```
.text, #text, p{  
    color:#8D34A3  
}
```

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 #8D34A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D34A3
}
```

## Border

The CSS property to change the border of an element to Decimal 9254051 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
#8D34A3 }
```

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

```
.border{ border-color:#8D34A3 }
```

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

Here you see how a box with a 4 pixel #8D34A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D34A3; -webkit-box-shadow:4px 4px  
4px 4px #8D34A3; box-shadow:4px 4px 4px  
4px #8D34A3 }
```

# Background

The CSS property to change the background color of an element to Decimal 9254051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D34A3 }
```

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

```
.background{ background-color:#8D34A3 }
```

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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