

# Converting Colors

Decimal(8462987)

Have a look what the booklet for  
Decimal(8462987) contains.

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**Color**

**Decimal(8462987)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	81228B
RGB	129, 34, 139
RGB Percent	51%, 13%, 55%
CMY	0.4941, 0.8667, 0.4549
CMYK	0.07, 0.76, 0.00, 0.45
HSL	294°, 61%, 34%
HSV	294°, 76%, 55%
XYZ	14.2855, 7.6753, 25.1546
YIQ	74.3750, 22.9150, 52.7950

# Conversions

## Conversions Part 2

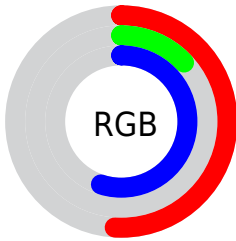
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	129, 34, 139
Decimal	8462987
CIE <sub>Lab</sub>	33.30, 53.35, -37.72
CIE <sub>LCh</sub>	33, 65.343, 324.737
Yxy	7.6753, 0.3032, 0.1629
Android (android.graphics.Color)	4286653067 (0xFF81228B)
YUV	74.3750, 31.8601, 47.9061
Hunter-Lab	27.7043, 43.5597, -34.4406

# Details

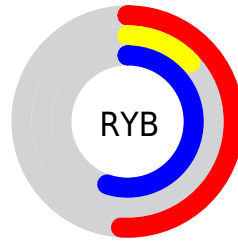
The Decimal color **8462987** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **2919202**, and the grayscale version is **4868682**.

A 20% lighter version of the original color is **12147137**, and **4980824** is the 20% darker color. If you saturate the color by 10%, you get **8393867**, and if you desaturate by 10%, it is **8532107**.

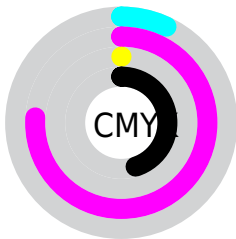
# Distribution



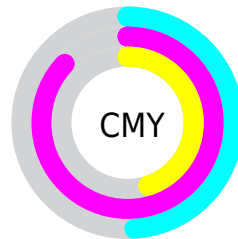
- Red (51%)
- Green (13%)
- Blue (55%)



- Red (51%)
- Yellow (13%)
- Blue (55%)



- Cyan (7%)
- Magenta (76%)
- Yellow (0%)
- Black (45%)



- Cyan (49%)
- Magenta (87%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8462987 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 8462987 by changing the saturation by 10% instead.



 8462987

 8462987

16777215

 6684785

 12147137

 4980824

 14054621

 3342400

 15962106

 1507370

 16755711

 275

 16762879

 0

 16770303

 8462987

 8462987

 8393867

 8532107

■ 8259211

■ 8666763

■ 8257675

■ 8735883

■ 8805003

■ 8939659

■ 9008523

■ 9077643

■ 9212299

■ 9281419

# Harmonies

## Analogous

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



2377134



8462987



10551386

# Triad

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



8462987



6834432



25465

# Complementary

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



8462987



2919202

# 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.



25155



8462987



3627008

# Square

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



8462987



9252608



24324



24995

# Rectangle

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



8462987



10813496



24324



25447



# Sweetspot

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



8462987



11635637



2239627



5849692



14408667



6052956



# Same Dimension

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



8462987



10817717



9118305



4472389



7864453



327685



# Inverse Universe

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



9118252



11866144



2263884



4537919



8716301



327680



# Previews

## White Background



This preview shows how the Decimal color 8462987 looks on a white background.

## Color Contrast Check

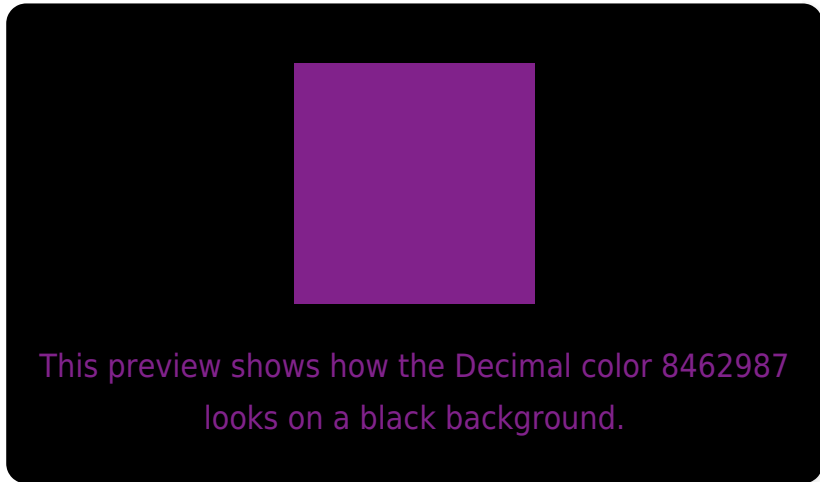
Large Text (above 18pt) WCAG AA ✓ Pass

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

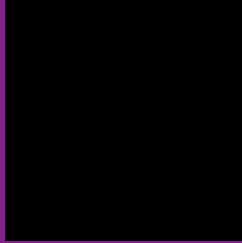
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 8462987 Background



This preview shows how black text looks on a background with the Decimal color 8462987.

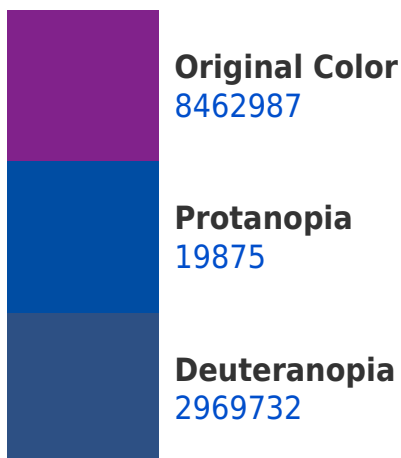


This preview shows how white text looks on a background with the Decimal color 8462987.

# 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**  
7880002

# Trichromacy



**Original Color**  
8462987



**Protanomaly**  
3095962



**Deuteranomaly**  
4996999



**Tritanomaly**  
8074077

# Monochromacy



**Original Color**  
8462987



**Achromatopsia**  
4868682



**Achromatomaly**  
6175586

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8462987 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 #81228B looks like.

```
.text, #text, p{  
    color:#81228B  
}
```

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 #81228B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81228B
}
```

## Border

The CSS property to change the border of an element to Decimal 8462987 is called "border". The border property can be set on classes, ids or directly on the HTML element.

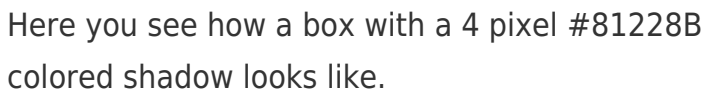
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#81228B }
```

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

```
.border{ border-color:#81228B }
```

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



Here you see how a box with a 4 pixel #81228B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81228B; -webkit-box-shadow:4px 4px  
4px 4px #81228B; box-shadow:4px 4px 4px  
4px #81228B }
```

# Background

The CSS property to change the background color of an element to Decimal 8462987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81228B }
```

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

```
.background{ background-color:#81228B }
```

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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