

# Converting Colors

Decimal(8456342)

Have a look what the booklet for  
Decimal(8456342) contains.

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**Color**

**Decimal(8456342)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	810896
RGB	129, 8, 150
RGB Percent	51%, 3%, 59%
CMY	0.4941, 0.9686, 0.4118
CMYK	0.14, 0.95, 0.00, 0.41
HSL	291°, 90%, 31%
HSV	291°, 95%, 59%
XYZ	14.6451, 7.0428, 29.4417
YIQ	60.3670, 26.5340, 69.8140

# Conversions

## Conversions Part 2

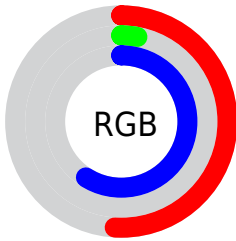
<b>Format</b>	<b>Color</b>
<b>RYB</b>	129, 8, 150
Decimal	8456342
CIELab	31.90, 61.57, -46.74
CIElCh	32, 77.299, 322.799
Yxy	7.0428, 0.2864, 0.1377
Android (android.graphics.Color)	4286646422 (0xFF810896)
YUV	60.3670, 44.1891, 60.1911
Hunter-Lab	26.5383, 52.0630, -47.1998

# Details

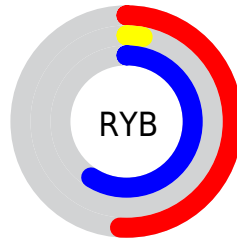
The Decimal color **8456342** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **1938952**, and the grayscale version is **3947580**.

A 20% lighter version of the original color is **12209613**, and **4849762** is the 20% darker color. If you saturate the color by 10%, you get **8388758**, and if you desaturate by 10%, it is **8591254**.

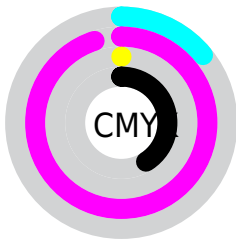
# Distribution



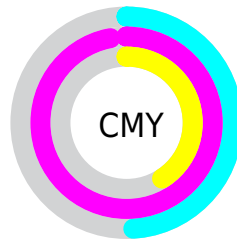
- Red (51%)
- Green (3%)
- Blue (59%)



- Red (51%)
- Yellow (3%)
- Blue (59%)



- Cyan (14%)
- Magenta (95%)
- Yellow (0%)
- Black (41%)



- Cyan (49%)
- Magenta (97%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8456342 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 8456342 by changing the saturation by 10% instead.





8456342



8456342

16777215



6619260



12209613



4849762



14117097



3211338



16024831



1179698



16752895



284



16760063



0



16767487



16775167



8456342



8456342

8388758

8591254

8726166

8926614

9061526

9196438

9331350

9531798

9666710

9801622

# Harmonies

## Analogous

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



17342



8456342



11075677

# Triad

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



8456342



6898688



25209

# Complementary

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



8456342



1938952

# 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.



24634



8456342



3036416

# Square

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



8456342



9641216



23808



25005

# Rectangle

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



8456342



11403317



23808



25189



# Sweetspot

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



8456342



12225730



531862



6045793



14737632



6381921



# Same Dimension

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



8456342



10813634



9832548



4801354



7667850



589834



# Inverse Universe

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



9832477



12714013



562746



4866884



9043988



655362



# Previews

## White Background



This preview shows how the Decimal color 8456342 looks on a white background.

## Color Contrast Check

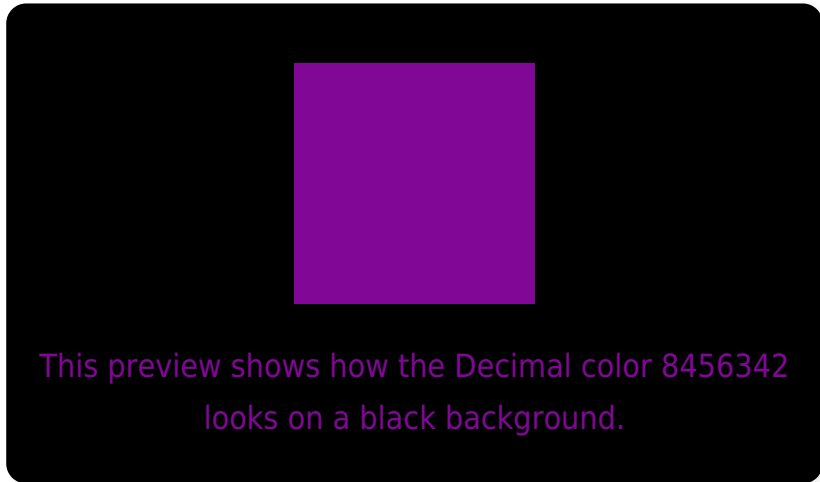
Large Text (above 18pt) WCAG AA ✓ Pass

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

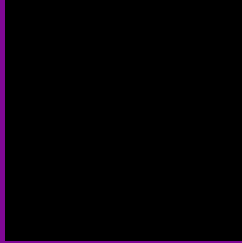
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 8456342 Background



This preview shows how black text looks on a background with the Decimal color 8456342.

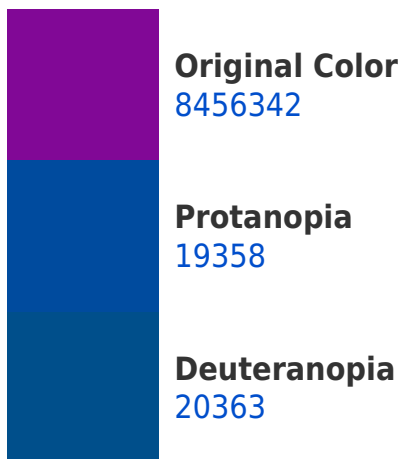


This preview shows how white text looks on a background with the Decimal color 8456342.

# 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**  
7748415

# Trichromacy



**Original Color**  
8456342



**Protanomaly**  
3093403



**Deuteranomaly**  
3093903



**Tritanomaly**  
8005727

# Monochromacy



**Original Color**  
8456342



**Achromatopsia**  
3947580



**Achromatomaly**  
5581149

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8456342 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 #810896 looks like.

```
.text, #text, p{  
    color:#810896  
}
```

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 #810896 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #810896
}
```

## Border

The CSS property to change the border of an element to Decimal 8456342 is called "border". The border property can be set on classes, ids or directly on the HTML element.

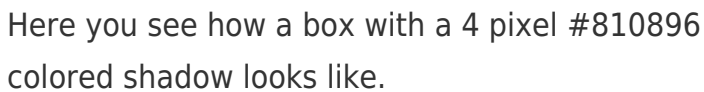
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#810896 }
```

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

```
.border{ border-color:#810896 }
```

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



Here you see how a box with a 4 pixel #810896 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #810896; -webkit-box-shadow:4px 4px  
4px 4px #810896; box-shadow:4px 4px 4px  
4px #810896 }
```

# Background

The CSS property to change the background color of an element to Decimal 8456342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#810896 }
```

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

```
.background{ background-color:#810896 }
```

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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