

# Converting Colors

Decimal(8476303)

Have a look what the booklet for  
Decimal(8476303) contains.

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# Color

**Decimal(8476303)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	81568F
RGB	129, 86, 143
RGB Percent	51%, 34%, 56%
CMY	0.4941, 0.6627, 0.4392
CMYK	0.10, 0.40, 0.00, 0.44
HSL	285°, 25%, 45%
HSV	285°, 40%, 56%
XYZ	17.3390, 13.3059, 27.6410
YIQ	105.3550, 7.3310, 26.8430

# Conversions

## Conversions Part 2

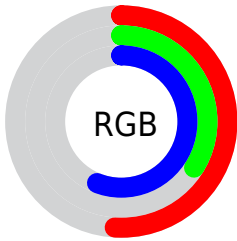
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	129, 86, 143
Decimal	8476303
CIE <sub>Lab</sub>	43.22, 28.31, -24.53
CIE <sub>LCh</sub>	43, 37.462, 319.091
Yxy	13.3059, 0.2975, 0.2283
Android (android.graphics.Color)	4286666383 (0xFF81568F)
YUV	105.3550, 18.5590, 20.7367
Hunter-Lab	36.4772, 21.0125, -19.3936

# Details

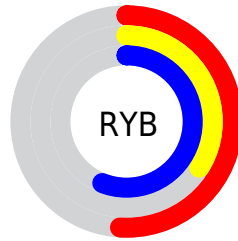
The Decimal color **8476303** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **6590294**, and the grayscale version is **6908265**.

A 20% lighter version of the original color is **12028357**, and **5121884** is the 20% darker color. If you saturate the color by 10%, you get **8210575**, and if you desaturate by 10%, it is **8742031**.

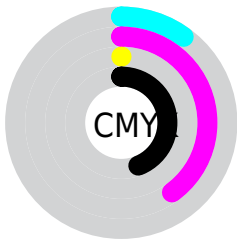
# Distribution



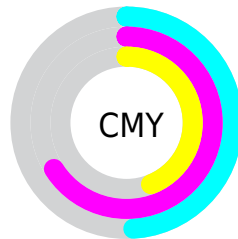
- Red (51%)
- Green (34%)
- Blue (56%)



- Red (51%)
- Yellow (34%)
- Blue (56%)



- Cyan (10%)
- Magenta (40%)
- Yellow (0%)
- Black (44%)



- Cyan (49%)
- Magenta (66%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8476303 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 8476303 by changing the saturation by 10% instead.



8476303

8476303

16777215

6766197

12028357

5121884

13870049

3543109

15711998

2162734

16767743

281

16775167

0

8476303

8476303

8210575

8742031

8010127

8942479

7744399

9208207

7544207

9408399

7278223

9674383

7078031

9874575

10140303

10340495

10606479

# Harmonies

## Analogous

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



5595809



8476303



10112371

# Triad

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



8476303



8544295



30329

# Complementary

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



8476303



6590294

# 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.



30041



8476303



6646312

# Square

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



8476303



9917752



4223292



29588

# Rectangle

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



8476303



10505054



4223292



30319



# Sweetspot

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



8476303



11904186



5661839



5984606



14606046



6184542



# Same Dimension

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



8476303



10772922



9393793



4603975



6684807



393224



# Inverse Universe

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



9393764



12214647



5672804



4669506



8847393

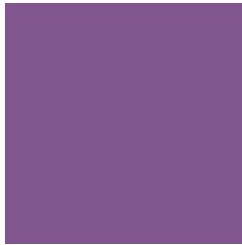


524290



# Previews

## White Background



This preview shows how the Decimal color 8476303 looks on a white background.

## Color Contrast Check

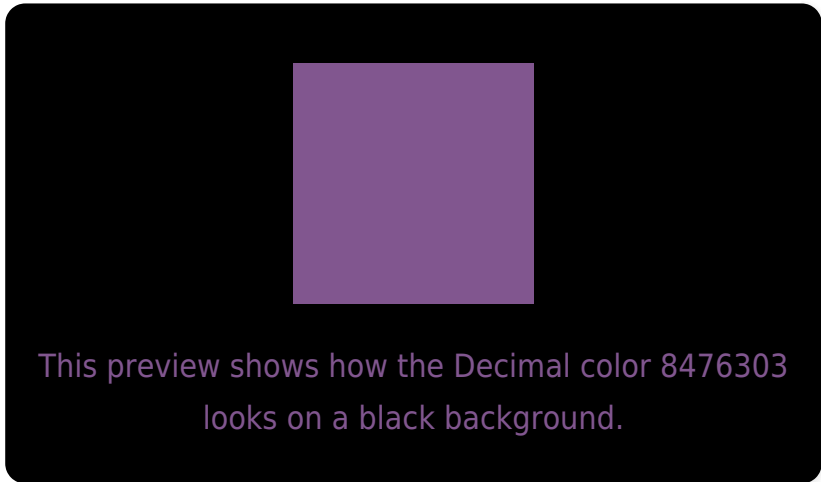
Large Text (above 18pt) WCAG AA ✓ Pass

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

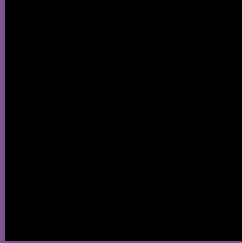
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 8476303 Background



This preview shows how black text looks on a background with the Decimal color 8476303.




This preview shows how white text looks on a background with the Decimal color 8476303.

# 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**  
8085350

# Trichromacy



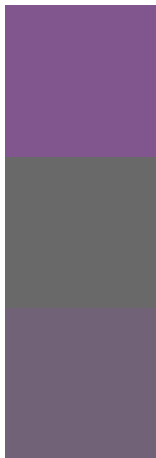
**Original Color**  
8476303

**Protanomaly**  
6578327

**Deuteranomaly**  
6905997

**Tritanomaly**  
8215669

# Monochromacy



**Original Color**  
8476303

**Achromatopsia**  
6908265

**Achromatomaly**  
7496311

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8476303 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 #81568F looks like.

```
.text, #text, p{  
    color:#81568F  
}
```

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 #81568F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81568F
}
```

## Border

The CSS property to change the border of an element to Decimal 8476303 is called "border". The border property can be set on classes, ids or directly on the HTML element.

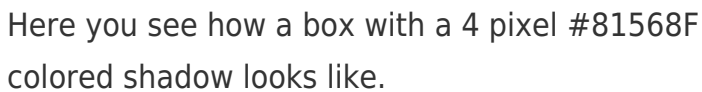
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#81568F }
```

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

```
.border{ border-color:#81568F }
```

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



Here you see how a box with a 4 pixel #81568F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81568F; -webkit-box-shadow:4px 4px  
4px 4px #81568F; box-shadow:4px 4px 4px  
4px #81568F }
```

# Background

The CSS property to change the background color of an element to Decimal 8476303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81568F }
```

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

```
.background{ background-color:#81568F }
```

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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