

# Converting Colors

Decimal(8871065)

Have a look what the booklet for  
Decimal(8871065) contains.

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# Color

**Decimal(8871065)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	875C99
RGB	135, 92, 153
RGB Percent	53%, 36%, 60%
CMY	0.4706, 0.6392, 0.4000
CMYK	0.12, 0.40, 0.00, 0.40
HSL	282°, 25%, 48%
HSV	282°, 40%, 60%
XYZ	19.5686, 15.1051, 32.0212
YIQ	111.8110, 6.0470, 28.0870

# Conversions

## Conversions Part 2

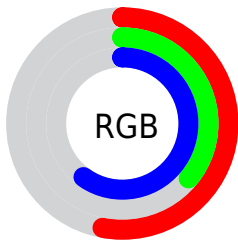
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	135, 92, 153
Decimal	8871065
CIE <sub>Lab</sub>	45.78, 28.96, -26.49
CIE <sub>LCh</sub>	46, 39.245, 317.551
Yxy	15.1051, 0.2934, 0.2265
Android (android.graphics.Color)	4287061145 (0xFF875C99)
YUV	111.8110, 20.3062, 20.3368
Hunter-Lab	38.8653, 21.8602, -21.6435

# Details

The Decimal color **8871065** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **7248220**, and the grayscale version is **7368816**.

A 20% lighter version of the original color is **12423120**, and **5516646** is the 20% darker color. If you saturate the color by 10%, you get **8539545**, and if you desaturate by 10%, it is **9202585**.

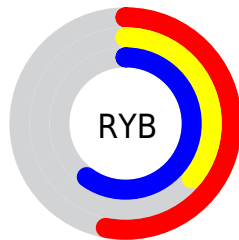
# Distribution



Red (53%)

Green (36%)

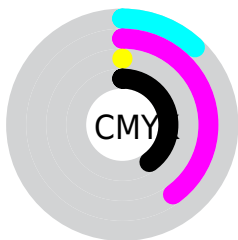
Blue (60%)



Red (53%)

Yellow (36%)

Blue (60%)

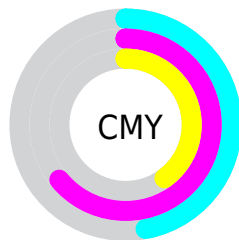


Cyan (12%)

Magenta (40%)

Yellow (0%)

Black (40%)



Cyan (47%)

Magenta (64%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8871065 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 8871065 by changing the saturation by 10% instead.





8871065



8871065

16777215



7160959



12423120



5516646



14265068



3937869



16172543



2359350



16769535



327713

16776959



5



0



8871065



8871065



8539545



9202585

8273305

9468825

7941785

9800345

7675801

10066329

7344025

10398105

7078041

10664089

10995609

11261593

11593369

# Harmonies

## Analogous

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



5728683



8871065



10637947

# Triad

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



8871065



9135658



32127

# Complementary

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



8871065



7248220

# 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.



31837



8871065



7106858

# Square

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



8871065



10574397



4683838



31388

# Rectangle

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



8871065



11096165



4683838



32116



# Sweetspot

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



8871065



12627911



6057625



6248035



14935011



6513507



# Same Dimension

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



8871065



11233223



10050701



4867405



6488204



589837



# Inverse Universe

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



10050670



13068164



6068584



5064007



9175081

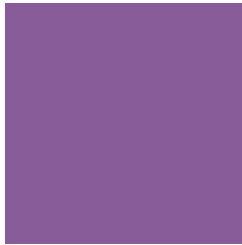


851972



# Previews

## White Background



This preview shows how the Decimal color 8871065 looks on a white background.

## Color Contrast Check

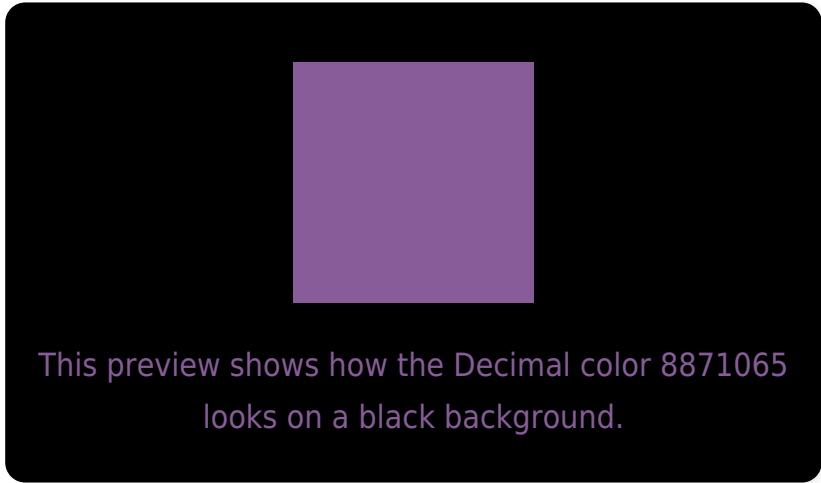
Large Text (above 18pt) WCAG AA ✓ Pass

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

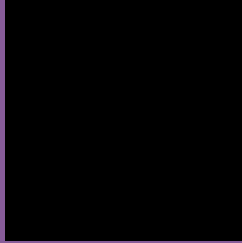
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 8871065 Background



This preview shows how black text looks on a background with the Decimal color 8871065.




This preview shows how white text looks on a background with the Decimal color 8871065.

# 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**  
8414573

# Trichromacy



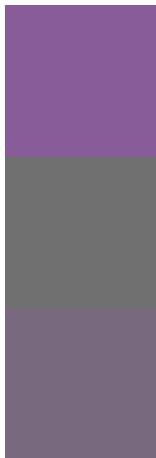
**Original Color**  
8871065

**Protanomaly**  
6907553

**Deuteranomaly**  
7235223

**Tritanomaly**  
8610429

# Monochromacy



**Original Color**  
8871065

**Achromatopsia**  
7368816

**Achromatomaly**  
7891327

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8871065 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 #875C99 looks like.

```
.text, #text, p{  
    color:#875C99  
}
```

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 #875C99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #875C99
}
```

## Border

The CSS property to change the border of an element to Decimal 8871065 is called "border". The border property can be set on classes, ids or directly on the HTML element.

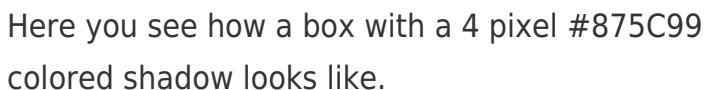
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#875C99 }
```

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

```
.border{ border-color:#875C99 }
```

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



Here you see how a box with a 4 pixel #875C99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #875C99; -webkit-box-shadow:4px 4px  
4px 4px #875C99; box-shadow:4px 4px 4px  
4px #875C99 }
```

# Background

The CSS property to change the background color of an element to Decimal 8871065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#875C99 }
```

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

```
.background{ background-color:#875C99 }
```

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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