

# Converting Colors

Decimal(8868248)

Have a look what the booklet for  
Decimal(8868248) contains.

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# Color

**Decimal(8868248)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	875198
RGB	135, 81, 152
RGB Percent	53%, 32%, 60%
CMY	0.4706, 0.6824, 0.4039
CMYK	0.11, 0.47, 0.00, 0.40
HSL	286°, 30%, 46%
HSV	286°, 47%, 60%
XYZ	18.6016, 13.3028, 31.2930
YIQ	105.2400, 9.3930, 33.5290

# Conversions

## Conversions Part 2

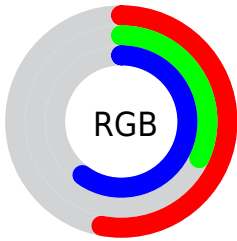
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	135, 81, 152
Decimal	8868248
CIE <sub>Lab</sub>	43.22, 35.05, -29.89
CIE <sub>LCh</sub>	43, 46.067, 319.548
Yxy	13.3028, 0.2943, 0.2105
Android (android.graphics.Color)	4287058328 (0xFF875198)
YUV	105.2400, 23.0527, 26.0995
Hunter-Lab	36.4729, 27.2093, -25.3386

# Details

The Decimal color **8868248** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **6461521**, and the grayscale version is **6908265**.

A 20% lighter version of the original color is **12485839**, and **5448037** is the 20% darker color. If you saturate the color by 10%, you get **8602264**, and if you desaturate by 10%, it is **9134232**.

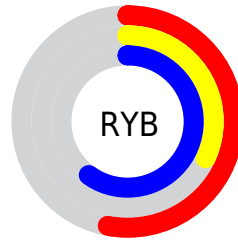
# Distribution



Red (53%)

Green (32%)

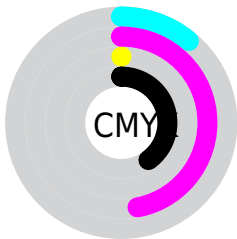
Blue (60%)



Red (53%)

Yellow (32%)

Blue (60%)

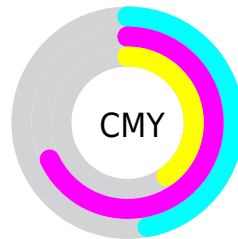


Cyan (11%)

Magenta (47%)

Yellow (0%)

Black (40%)



Cyan (47%)

Magenta (68%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8868248 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 8868248 by changing the saturation by 10% instead.



8868248

8868248

16777215

7158142

12485839

5448037

14327531

3868492

16235263

2359349

16766719

31

16773887

2

0

8868248

8868248

8602264

9134232

8401816

9334680

8135576

9600920

7869592

9866904

7669144

10067352

7602328

10333336

10533784

10800024

11066008

# Harmonies

## Analogous

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



5071534



8868248



10765429

# Triad

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



8868248



8740628



30846

# Complementary

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



8868248



6461521

# 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.



30551



8868248



6450198

# Square

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



8868248



10440749



3371826



30367

# Rectangle

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



8868248



11223643



3371826



30834



# Sweetspot

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



8868248



12495300



5333912



6247267



14935011



6513507



# Same Dimension

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



8868248



11163332



9982342



4932941



7012492



655373



# Inverse Universe

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



9982306



12867185



5347427



5064007



9175074

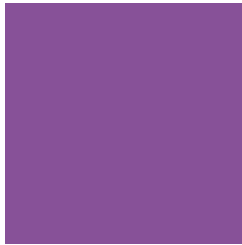


851971



# Previews

## White Background



This preview shows how the Decimal color 8868248 looks on a white background.

## Color Contrast Check

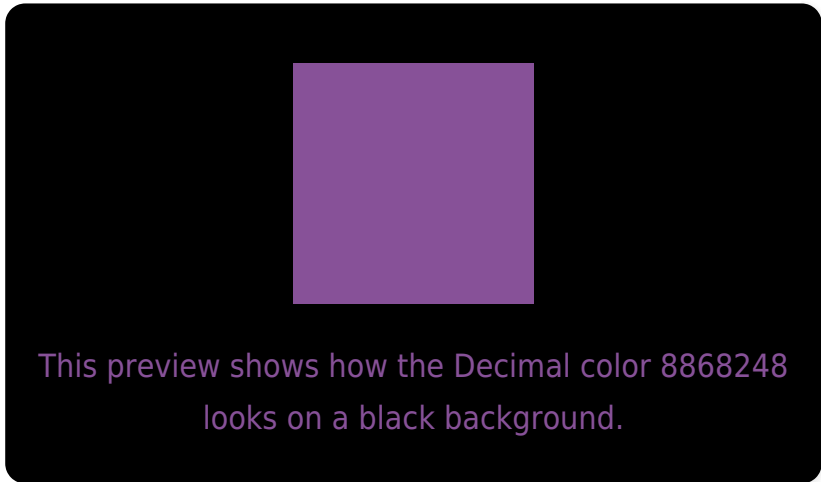
Large Text (above 18pt) WCAG AA ✓ Pass

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

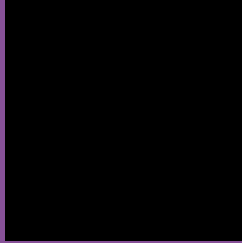
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 8868248 Background



This preview shows how black text looks on a background with the Decimal color 8868248.



This preview shows how white text looks on a background with the Decimal color 8868248.

# 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**  
8412516

# Trichromacy



**Original Color**  
8868248

**Protanomaly**  
6380963

**Deuteranomaly**  
6774421

**Tritanomaly**  
8608119

# Monochromacy



**Original Color**  
8868248

**Achromatopsia**  
6908265

**Achromatomaly**  
7626874

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8868248 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 #875198 looks like.

```
.text, #text, p{  
  color:#875198  
}
```

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 #875198 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #875198
}
```

## Border

The CSS property to change the border of an element to Decimal 8868248 is called "border". The border property can be set on classes, ids or directly on the HTML element.

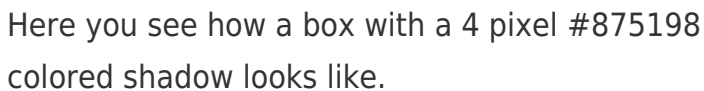
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#875198 }
```

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

```
.border{ border-color:#875198 }
```

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



Here you see how a box with a 4 pixel #875198 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #875198; -webkit-box-shadow:4px 4px  
4px 4px #875198; box-shadow:4px 4px 4px  
4px #875198 }
```

# Background

The CSS property to change the background color of an element to Decimal 8868248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#875198 }
```

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

```
.background{ background-color:#875198 }
```

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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