

# Converting Colors

Decimal(8478878)

Have a look what the booklet for  
Decimal(8478878) contains.

<b>Decimal(8478878)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(8478878)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	81609E
RGB	129, 96, 158
RGB Percent	51%, 38%, 62%
CMY	0.4941, 0.6235, 0.3804
CMYK	0.18, 0.39, 0.00, 0.38
HSL	272°, 24%, 50%
HSV	272°, 39%, 62%
XYZ	19.4077, 15.5015, 34.3169
YIQ	112.9350, -0.2340, 26.2780

# Conversions

## Conversions Part 2

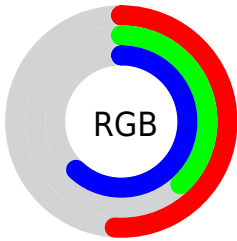
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	129, 96, 158
Decimal	8478878
CIE Lab	46.31, 25.84, -28.67
CIE LCh	46, 38.594, 312.025
Yxy	15.5015, 0.2804, 0.2239
Android (android.graphics.Color)	4286668958 (0xFF81609E)
YUV	112.9350, 22.2170, 14.0890
Hunter-Lab	39.3719, 19.0875, -24.1174

# Details

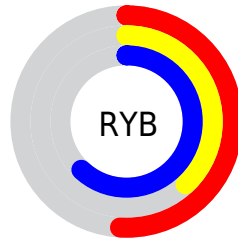
The Decimal color **8478878** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **8232544**, and the grayscale version is **7434609**.

A 20% lighter version of the original color is **12030933**, and **5124458** is the 20% darker color. If you saturate the color by 10%, you get **8016030**, and if you desaturate by 10%, it is **8941726**.

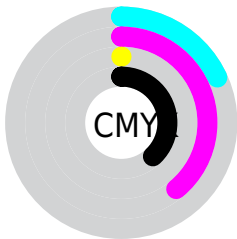
# Distribution



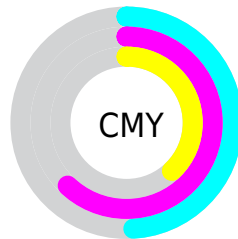
- Red (51%)
- Green (38%)
- Blue (62%)



- Red (51%)
- Yellow (38%)
- Blue (62%)



- Cyan (18%)
- Magenta (39%)
- Yellow (0%)
- Black (38%)



- Cyan (49%)
- Magenta (62%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8478878 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 8478878 by changing the saturation by 10% instead.



8478878

8478878

16777215

6768772

12030933

5124458

13872881

3545938

15714815

2032954

16770815

36

12

0

8478878

8478878

8016030

8941726

7487646

9470110

7025054

9932702

6496670

10461086

6033822

10923934

5570974

11386782

5505182

11915166

12377758

12906142

# Harmonies

## Analogous

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



5139885



8478878



10442114

# Triad

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



8478878



9528623



32378

# Complementary

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



8478878



8232544

# 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.



1670489



8478878



7630891

# Square

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



8478878



10770756



5273660



31896

# Rectangle

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



8478878



11096685



5273660



32367



# Sweetspot

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



8478878



12826319



6323870



6445673



15263976



6908265



# Same Dimension

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



8478878



10579407



10379421



4933455



4980879



524303



# Inverse Universe

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



10379389



13594011



6332001



5195595



9371715

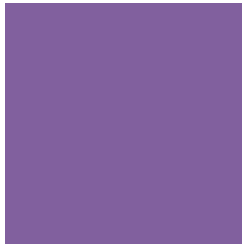


983047



# Previews

## White Background



This preview shows how the Decimal color 8478878 looks on a white background.

## Color Contrast Check

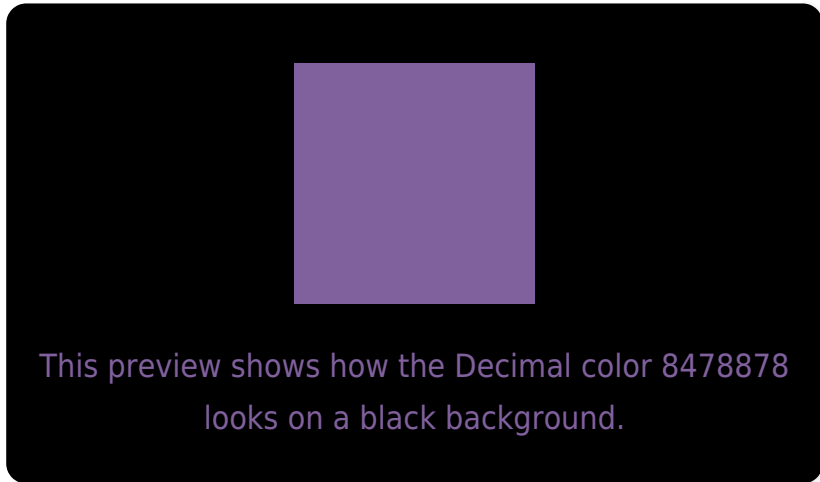
Large Text (above 18pt) WCAG AA ✓ Pass

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

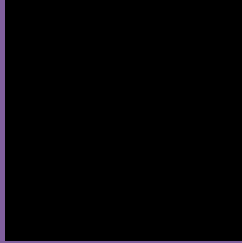
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 8478878 Background



This preview shows how black text looks on a background with the Decimal color 8478878.

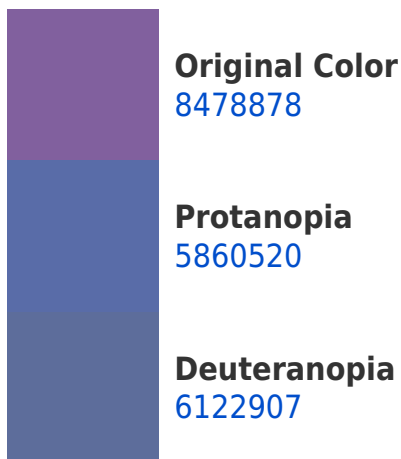



This preview shows how white text looks on a background with the Decimal color 8478878.

# 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**  
8022386

# Trichromacy



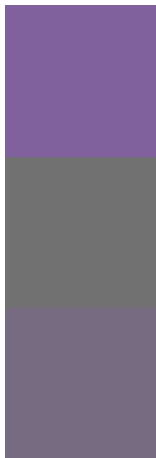
**Original Color**  
8478878

**Protanomaly**  
6842532

**Deuteranomaly**  
6973596

**Tritanomaly**  
8218242

# Monochromacy



**Original Color**  
8478878

**Achromatopsia**  
7434609

**Achromatomaly**  
7826305

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8478878 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 #81609E looks like.

```
.text, #text, p{  
  color:#81609E  
}
```

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 #81609E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81609E
}
```

## Border

The CSS property to change the border of an element to Decimal 8478878 is called "border". The border property can be set on classes, ids or directly on the HTML element.

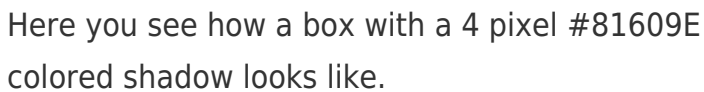
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#81609E }
```

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

```
.border{ border-color:#81609E }
```

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



Here you see how a box with a 4 pixel #81609E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81609E; -webkit-box-shadow:4px 4px  
4px 4px #81609E; box-shadow:4px 4px 4px  
4px #81609E }
```

# Background

The CSS property to change the background color of an element to Decimal 8478878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81609E }
```

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

```
.background{ background-color:#81609E }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor