

# Converting Colors

Decimal(8739248)

Have a look what the booklet for  
Decimal(8739248) contains.

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# Color

**Decimal(8739248)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8559B0
RGB	133, 89, 176
RGB Percent	52%, 35%, 69%
CMY	0.4784, 0.6510, 0.3098
CMYK	0.24, 0.49, 0.00, 0.31
HSL	270°, 36%, 52%
HSV	270°, 49%, 69%
XYZ	21.0817, 15.2659, 42.9098
YIQ	112.0740, -1.7030, 36.3850

# Conversions

## Conversions Part 2

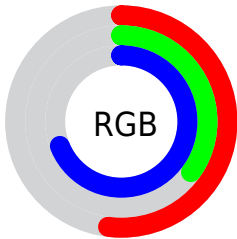
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 89, 176
Decimal	8739248
CIE <sub>Lab</sub>	46.00, 35.44, -39.74
CIE <sub>LCh</sub>	46, 53.247, 311.723
Yxy	15.2659, 0.2660, 0.1926
Android (android.graphics.Color)	4286929328 (0xFF8559B0)
YUV	112.0740, 31.5155, 18.3521
Hunter-Lab	39.0716, 27.9373, -37.7642

# Details

The Decimal color **8739248** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **8695897**, and the grayscale version is **7368816**.

A 20% lighter version of the original color is **12356840**, and **5253499** is the 20% darker color. If you saturate the color by 10%, you get **8144816**, and if you desaturate by 10%, it is **9333680**.

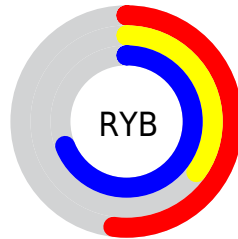
# Distribution



Red (52%)

Green (35%)

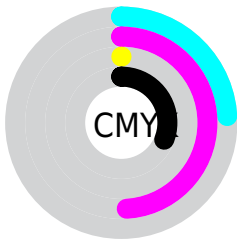
Blue (69%)



Red (52%)

Yellow (35%)

Blue (69%)

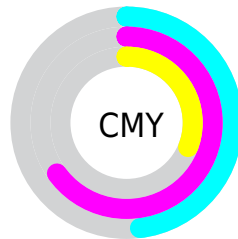


Cyan (24%)

Magenta (49%)

Yellow (0%)

Black (31%)



Cyan (48%)

Magenta (65%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8739248 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 8739248 by changing the saturation by 10% instead.





8739248



8739248

16777215



6963605



12356840



5253499



14198783



3608930



16106239



1900617



16769023



50



16776191



284



0



8739248



8739248



8144816



9333680

7616176

9862320

7021744

10456752

6427568

11050928

5898672

11579824

5832880

12174256

12768432

13362864

13891504

# Harmonies

## Analogous

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



2714821



8739248



11486858

# Triad

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



8739248



10051854



33406

# Complementary

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



8739248



8695897

# 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.



32847



8739248



7499776

# Square

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



8739248



11750963



4225572



32935

# Rectangle

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



8739248



12271724



4225572



33134



# Sweetspot

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



8739248



13943782



5866672



6905459



15921906



7566195



# Same Dimension

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



8739248



10706662



11557296



5591129



5046425



851994



# Inverse Universe

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



11557252



15097505



5877849



5853269



10027084

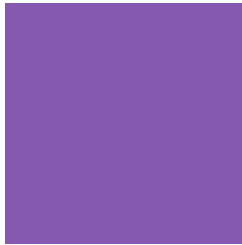


1703949



# Previews

## White Background



This preview shows how the Decimal color 8739248 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



This preview shows how the Decimal color 8739248 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

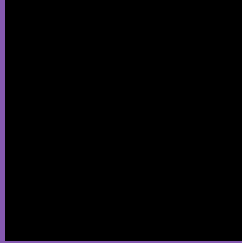
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 8739248 Background



This preview shows how black text looks on a background with the Decimal color 8739248.




This preview shows how white text looks on a background with the Decimal color 8739248.

# 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**  
8022128

# Trichromacy



**Original Color**  
8739248

**Protanomaly**  
6120634

**Deuteranomaly**  
6317741

**Tritanomaly**  
8283015

# Monochromacy



**Original Color**  
8739248

**Achromatopsia**  
7368816

**Achromatomaly**  
7891079

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8739248 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 #8559B0 looks like.

```
.text, #text, p{  
  color:#8559B0  
}
```

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 #8559B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8559B0
}
```

## Border

The CSS property to change the border of an element to Decimal 8739248 is called "border". The border property can be set on classes, ids or directly on the HTML element.

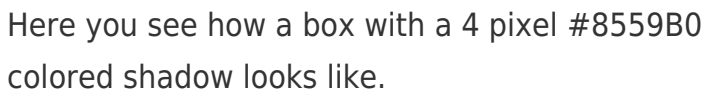
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8559B0 }
```

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

```
.border{ border-color:#8559B0 }
```

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



Here you see how a box with a 4 pixel #8559B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8559B0; -webkit-box-shadow:4px 4px  
4px 4px #8559B0; box-shadow:4px 4px 4px  
4px #8559B0 }
```

# Background

The CSS property to change the background color of an element to Decimal 8739248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8559B0 }
```

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

```
.background{ background-color:#8559B0 }
```

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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