

# Converting Colors

Decimal(8617638)

Have a look what the booklet for  
Decimal(8617638) contains.

<b>Decimal(8617638)</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(8617638)**

# Conversions

## Conversions Part 1

Format	Color
Hex	837EA6
RGB	131, 126, 166
RGB Percent	51%, 49%, 65%
CMY	0.4863, 0.5059, 0.3490
CMYK	0.21, 0.24, 0.00, 0.35
HSL	248°, 18%, 57%
HSV	248°, 24%, 65%
XYZ	23.7039, 22.5002, 39.1700
YIQ	132.0550, -9.8600, 13.5000

# Conversions

## Conversions Part 2

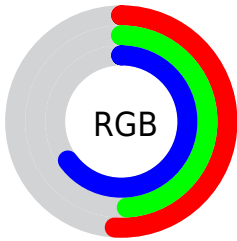
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 126, 166
Decimal	8617638
CIE <sub>Lab</sub>	54.55, 10.61, -20.60
CIE <sub>LCh</sub>	55, 23.171, 297.261
Yxy	22.5002, 0.2776, 0.2635
Android (android.graphics.Color)	4286807718 (0xFF837EA6)
YUV	132.0550, 16.7349, -0.9252
Hunter-Lab	47.4344, 6.1898, -15.7561

# Details

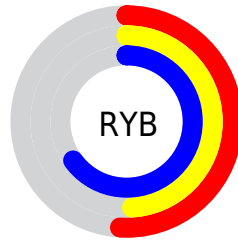
The Decimal color **8617638** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **10593918**, and the grayscale version is **8684676**.

A 20% lighter version of the original color is **12104669**, and **5328242** is the 20% darker color. If you saturate the color by 10%, you get **7630246**, and if you desaturate by 10%, it is **9605030**.

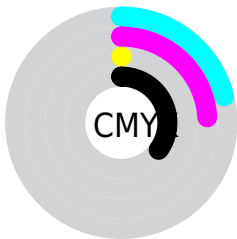
# Distribution



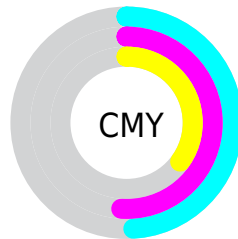
- Red (51%)
- Green (49%)
- Blue (65%)



- Red (51%)
- Yellow (49%)
- Blue (65%)



- Cyan (21%)
- Magenta (24%)
- Yellow (0%)
- Black (35%)



- Cyan (49%)
- Magenta (51%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8617638 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 8617638 by changing the saturation by 10% instead.



■ 8617638

■ 8617638

16777215

■ 6907276

■ 12104669

■ 5328242

■ 13946618

■ 3749465

■ 15854335

■ 2236738

■ 920364

■ 278

■ 0

■ 8617638

■ 8617638

■ 7630246

■ 9605030

6708646

10526630

5721254

11514022

4799654

12435622

3812262

13423014

2890406

14344870

1903270

15332006

1376422

16252838

16777126

# Harmonies

## Analogous

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



6718890



8617638



10123160

# Triad

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



8617638



10713698



5344896

# Complementary

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



8617638



10593918

# 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.



6720364



8617638



9666907

# Square

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



8617638



11236721



8292191



4558228

# Rectangle

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



8617638



10843532



8292191



5737849



# Sweetspot

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



8617638



13355737



8298918



6710638



15592941



7237230



# Same Dimension

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



8617638



10656473



9928358



5065812



1179796



196628



# Inverse Universe

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



10911393



14260945



9283198



5524563



9699457



1310738



# Previews

## White Background



This preview shows how the Decimal color 8617638 looks on a white 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

# Black Background



This preview shows how the Decimal color 8617638 looks on a black 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

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



## Decimal 8617638 Background



This preview shows how black text looks on a background with the Decimal color 8617638.



This preview shows how white text looks on a background with the Decimal color 8617638.

# 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



**Original Color**  
8617638

**Protanopia**  
7897512

**Deuteranopia**  
8224934



**Tritanopia**  
8291213

# Trichromacy



**Original Color**  
8617638

**Protanomaly**  
8159399

**Deuteranomaly**  
8355750

**Tritanomaly**  
8421782

# Monochromacy



**Original Color**  
8617638

**Achromatopsia**  
8684676

**Achromatomaly**  
8684176

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8617638 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 #837EA6 looks like.

```
.text, #text, p{  
    color:#837EA6  
}
```

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 #837EA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #837EA6
}
```

## Border

The CSS property to change the border of an element to Decimal 8617638 is called "border". The border property can be set on classes, ids or directly on the HTML element.

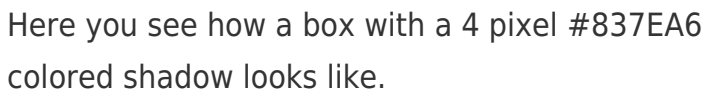
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#837EA6 }
```

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

```
.border{ border-color:#837EA6 }
```

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

A rectangular box with a 4px purple shadow. The box is white with a thin purple border and a 4px purple shadow. The shadow is visible on the right and bottom edges of the box.

Here you see how a box with a 4 pixel #837EA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #837EA6; -webkit-box-shadow:4px 4px  
4px 4px #837EA6; box-shadow:4px 4px 4px  
4px #837EA6 }
```

# Background

The CSS property to change the background color of an element to Decimal 8617638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#837EA6 }
```

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

```
.background{ background-color:#837EA6 }
```

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