

# Converting Colors

Decimal(8744366)

Have a look what the booklet for  
Decimal(8744366) contains.

<b>Decimal(8744366)</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(8744366)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	856DAE
RGB	133, 109, 174
RGB Percent	52%, 43%, 68%
CMY	0.4784, 0.5725, 0.3176
CMYK	0.24, 0.37, 0.00, 0.32
HSL	262°, 29%, 55%
HSV	262°, 37%, 68%
XYZ	22.7815, 18.9798, 42.5072
YIQ	123.5860, -6.5610, 25.3030

# Conversions

## Conversions Part 2

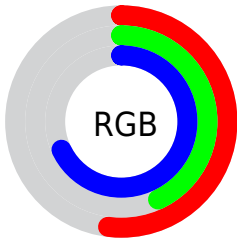
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 109, 174
Decimal	8744366
CIE <sub>Lab</sub>	50.66, 23.24, -31.23
CIE <sub>LCh</sub>	51, 38.935, 306.657
Yxy	18.9798, 0.2703, 0.2252
Android (android.graphics.Color)	4286934446 (0xFF856DAE)
YUV	123.5860, 24.8541, 8.2561
Hunter-Lab	43.5658, 17.1012, -27.3531

# Details

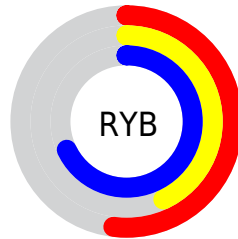
The Decimal color **8744366** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9875053**, and the grayscale version is **8092539**.

A 20% lighter version of the original color is **12296678**, and **5389689** is the 20% darker color. If you saturate the color by 10%, you get **8019118**, and if you desaturate by 10%, it is **9469614**.

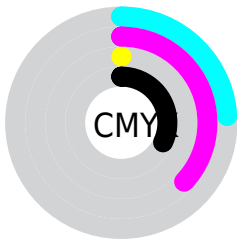
# Distribution



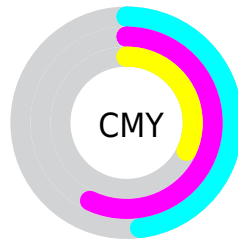
- Red (52%)
- Green (43%)
- Blue (68%)



- Red (52%)
- Yellow (43%)
- Blue (68%)



- Cyan (24%)
- Magenta (37%)
- Yellow (0%)
- Black (32%)



- Cyan (48%)
- Magenta (57%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8744366 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 8744366 by changing the saturation by 10% instead.



8744366

8744366

16777215

7034259

12296678

5389689

14138623

3745632

16046335

2167368

16774399

983089

283

0

8744366

8744366

8019118

9469614

7293614

10195118

6568366

10920366

5842862

11645870

5117614

12371118

4392366

13096366

4194478

13821870

14547118

15269806

# Harmonies

## Analogous

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



5077690



8744366



10969492

# Triad

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



8744366



10579260



35455

# Complementary

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



8744366



9875053

# 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.



3442781



8744366



8747316

# Square

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



8744366



11756115



6455873



34975

# Rectangle

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



8744366



11820414



6455873



35188



# Sweetspot

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



8744366



13880035



7181998



6906995



15921906



7566195



# Same Dimension

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



8744366



10714595



10841518



5328471



3670166



524311



# Inverse Universe

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



11431318



14908861



7777901



5721683



9830495

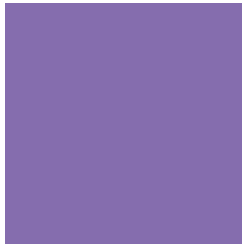


1507342



# Previews

## White Background



This preview shows how the Decimal color 8744366 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 8744366 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

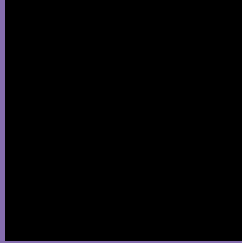
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 8744366 Background



This preview shows how black text looks on a background with the Decimal color 8744366.




This preview shows how white text looks on a background with the Decimal color 8744366.

# 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**  
8222592

# Trichromacy



**Original Color**  
8744366

**Protanomaly**  
7304115

**Deuteranomaly**  
7435437

**Tritanomaly**  
8418193

# Monochromacy



**Original Color**  
8744366

**Achromatopsia**  
8158332

**Achromatomaly**  
8353678

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8744366 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 #856DAE looks like.

```
.text, #text, p{  
    color:#856DAE  
}
```

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 #856DAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #856DAE
}
```

## Border

The CSS property to change the border of an element to Decimal 8744366 is called "border". The border property can be set on classes, ids or directly on the HTML element.

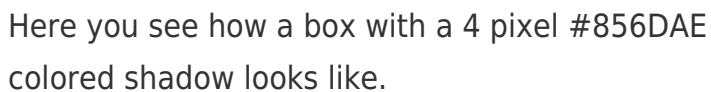
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#856DAE }
```

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

```
.border{ border-color:#856DAE }
```

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



Here you see how a box with a 4 pixel #856DAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #856DAE; -webkit-box-shadow:4px 4px  
4px 4px #856DAE; box-shadow:4px 4px 4px  
4px #856DAE }
```

# Background

The CSS property to change the background color of an element to Decimal 8744366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#856DAE }
```

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

```
.background{ background-color:#856DAE }
```

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