

# Converting Colors

Decimal(8674214)

Have a look what the booklet for  
Decimal(8674214) contains.

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# Color

**Decimal(8674214)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	845BA6
RGB	132, 91, 166
RGB Percent	52%, 36%, 65%
CMY	0.4824, 0.6431, 0.3490
CMYK	0.20, 0.45, 0.00, 0.35
HSL	273°, 30%, 50%
HSV	273°, 45%, 65%
XYZ	20.1397, 15.1409, 37.9374
YIQ	111.8090, 0.3610, 32.0170

# Conversions

## Conversions Part 2

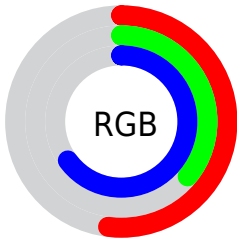
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 91, 166
Decimal	8674214
CIE <sub>Lab</sub>	45.83, 31.59, -34.14
CIE <sub>LCh</sub>	46, 46.512, 312.783
Yxy	15.1409, 0.2751, 0.2068
Android (android.graphics.Color)	4286864294 (0xFF845BA6)
YUV	111.8090, 26.7162, 17.7075
Hunter-Lab	38.9113, 24.2935, -30.5682

# Details

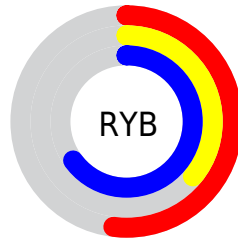
The Decimal color **8674214** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **8234587**, and the grayscale version is **7368816**.

A 20% lighter version of the original color is **12226269**, and **5254002** is the 20% darker color. If you saturate the color by 10%, you get **8145574**, and if you desaturate by 10%, it is **9202854**.

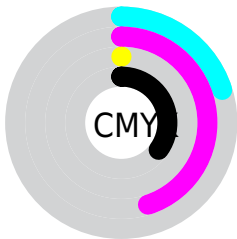
# Distribution



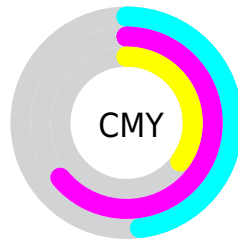
- Red (52%)
- Green (36%)
- Blue (65%)



- Red (52%)
- Yellow (36%)
- Blue (65%)



- Cyan (20%)
- Magenta (45%)
- Yellow (0%)
- Black (35%)



- Cyan (48%)
- Magenta (64%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8674214 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 8674214 by changing the saturation by 10% instead.



8674214

8674214

16777215

6964107

12226269

5254002

14133754

3609945

16041215

2031681

16769279

42

16776703

276

0

8674214

8674214

8145574

9202854

7682726

9665702

7154086

10194342

6691238

10657190

6162598

11185830

5963942

11648934

12177318

12640422

13168806

# Harmonies

## Analogous

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



4221881



8674214



11029637

# Triad

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



8674214



9658910



32637

# Complementary

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



8674214



8234587

# 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.



32340



8674214



7434264

# Square

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



8674214



11227961



4618544



32161

# Rectangle

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



8674214



11683946



4618544



32623



# Sweetspot

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



8674214



13351641



5996198



6642542



15592941



7237230



# Same Dimension

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



8674214



10773721



10902435



5262420



5308564



720916



# Inverse Universe

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



10902397



14247065



6006365



5524560



9699395

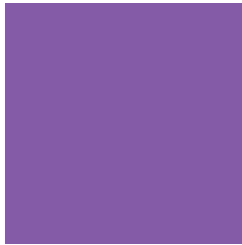


1310729



# Previews

## White Background



This preview shows how the Decimal color 8674214 looks on a white background.

## Color Contrast Check

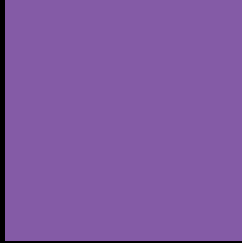
Large Text (above 18pt) WCAG AA ✓ Pass

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 8674214 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 8674214 Background



This preview shows how black text looks on a background with the Decimal color 8674214.



This preview shows how white text looks on a background with the Decimal color 8674214.

# 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**  
8087407

# Trichromacy



**Original Color**  
8674214

**Protanomaly**  
6448559

**Deuteranomaly**  
6645412

**Tritanomaly**  
8283011

# Monochromacy



**Original Color**  
8674214

**Achromatopsia**  
7368816

**Achromatomaly**  
7825540

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8674214 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 #845BA6 looks like.

```
.text, #text, p{  
  color:#845BA6  
}
```

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 #845BA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #845BA6
}
```

## Border

The CSS property to change the border of an element to Decimal 8674214 is called "border". The border property can be set on classes, ids or directly on the HTML element.

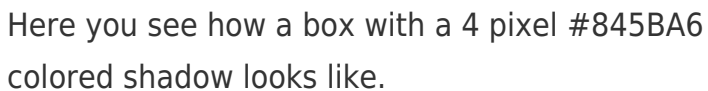
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#845BA6 }
```

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

```
.border{ border-color:#845BA6 }
```

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



Here you see how a box with a 4 pixel #845BA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #845BA6; -webkit-box-shadow:4px 4px  
4px 4px #845BA6; box-shadow:4px 4px 4px  
4px #845BA6 }
```

# Background

The CSS property to change the background color of an element to Decimal 8674214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#845BA6 }
```

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

```
.background{ background-color:#845BA6 }
```

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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