

# Converting Colors

Decimal(8603347)

Have a look what the booklet for  
Decimal(8603347) contains.

<b>Decimal(8603347)</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(8603347)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8346D3
RGB	131, 70, 211
RGB Percent	51%, 27%, 83%
CMY	0.4863, 0.7255, 0.1725
CMYK	0.38, 0.67, 0.00, 0.17
HSL	266°, 62%, 55%
HSV	266°, 67%, 83%
XYZ	23.3081, 13.9088, 63.0842
YIQ	104.3130, -8.9050, 56.7830

# Conversions

## Conversions Part 2

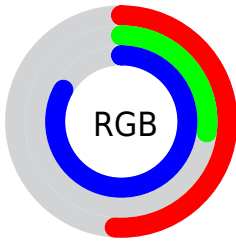
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 70, 211
Decimal	8603347
CIE <sub>Lab</sub>	44.10, 53.90, -63.11
CIE <sub>LCh</sub>	44, 82.995, 310.502
Yxy	13.9088, 0.2324, 0.1387
Android (android.graphics.Color)	4286793427 (0xFF8346D3)
YUV	104.3130, 52.5967, 23.4045
Hunter-Lab	37.2945, 46.2928, -74.1839

# Details

The Decimal color **8603347** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **9884486**, and the grayscale version is **6842472**.

A 20% lighter version of the original color is **12417791**, and **4788123** is the 20% darker color. If you saturate the color by 10%, you get **7811539**, and if you desaturate by 10%, it is **9395155**.

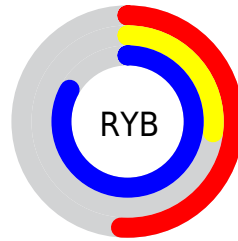
# Distribution



Red (51%)

Green (27%)

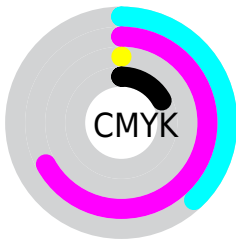
Blue (83%)



Red (51%)

Yellow (27%)

Blue (83%)

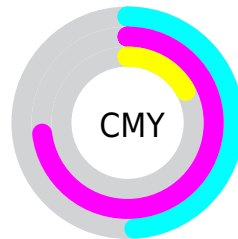


Cyan (38%)

Magenta (67%)

Yellow (0%)

Black (17%)



Cyan (49%)

Magenta (73%)

Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8603347 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 8603347 by changing the saturation by 10% instead.



 8603347

 8603347

16777215

 6696119

 12417791

 4788123

 14325247

 2687105

 16298495

 103

 16764415

 78

 16771583

 1334

 543

 3

 0

8603347

8603347

7811539

9395155

7019731

10186963

6227923

10978771

5963987

11770579

12562643

13354451

14146259

14938067

15728595

# Harmonies

## Analogous

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



27379



8603347



13107352

# Triad

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



8603347



10703616



33920

# Complementary

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



8603347



9884486

# 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.



33078



8603347



6974720

# Square

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



8603347



13377803



31488



33730

# Rectangle

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



8603347



14286954



31488



33640



# Sweetspot

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



8603347



14863615



4626643



7233920



0



8421504



# Same Dimension

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



8603347



9122815



13059795



6512233



4784296



1179689



# Inverse Universe

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



13846166



16724903



5428038



6905444



11010143

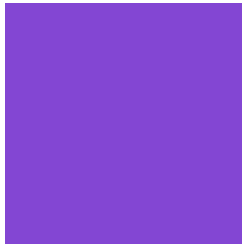


2686999



# Previews

## White Background



This preview shows how the Decimal color 8603347 looks on a white background.

## Color Contrast Check

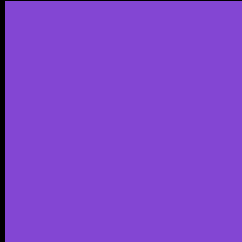
Large Text (above 18pt) WCAG AA ✓ Pass

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 8603347 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

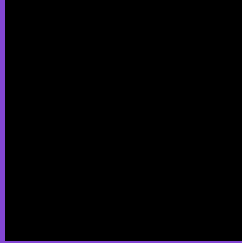
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 8603347 Background



This preview shows how black text looks on a background with the Decimal color 8603347.




This preview shows how white text looks on a background with the Decimal color 8603347.

# 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](#).

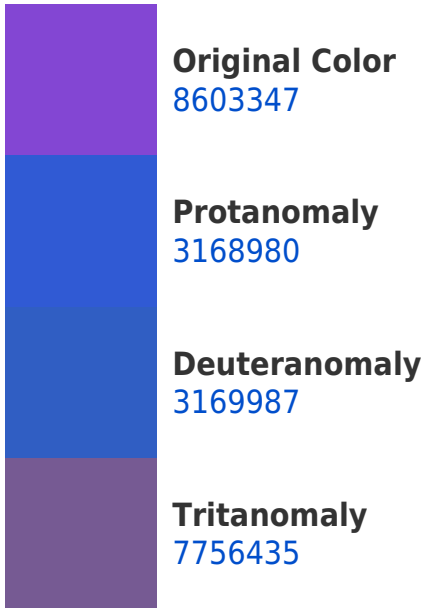
## Dichromacy



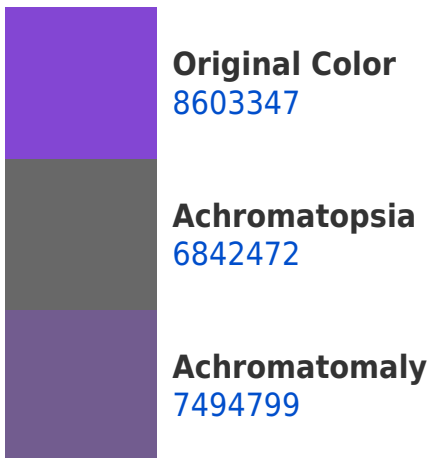


**Tritanopia**  
7235182

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8603347 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 #8346D3 looks like.

```
.text, #text, p{  
    color:#8346D3  
}
```

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 #8346D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8346D3
}
```

## Border

The CSS property to change the border of an element to Decimal 8603347 is called "border". The border property can be set on classes, ids or directly on the HTML element.

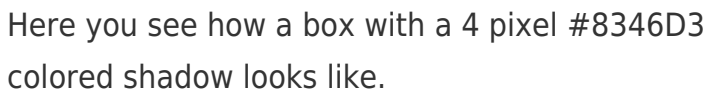
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8346D3 }
```

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

```
.border{ border-color:#8346D3 }
```

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



Here you see how a box with a 4 pixel #8346D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8346D3; -webkit-box-shadow:4px 4px  
4px 4px #8346D3; box-shadow:4px 4px 4px  
4px #8346D3 }
```

# Background

The CSS property to change the background color of an element to Decimal 8603347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8346D3 }
```

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

```
.background{ background-color:#8346D3 }
```

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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