

# Converting Colors

Decimal(8616084)

Have a look what the booklet for  
Decimal(8616084) contains.

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# Color

**Decimal(8616084)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	837894
RGB	131, 120, 148
RGB Percent	51%, 47%, 58%
CMY	0.4863, 0.5294, 0.4196
CMYK	0.11, 0.19, 0.00, 0.42
HSL	264°, 12%, 53%
HSV	264°, 19%, 58%
XYZ	21.4218, 20.3964, 30.8248
YIQ	126.4810, -2.4320, 11.0400

# Conversions

## Conversions Part 2

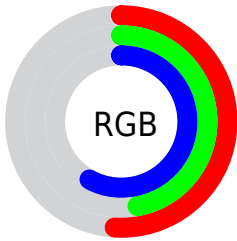
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 120, 148
Decimal	8616084
CIE Lab	52.28, 9.96, -13.60
CIE LCh	52, 16.854, 306.230
Yxy	20.3964, 0.2949, 0.2808
Android (android.graphics.Color)	4286806164 (0xFF837894)
YUV	126.4810, 10.6089, 3.9632
Hunter-Lab	45.1623, 5.6338, -8.8538

# Details

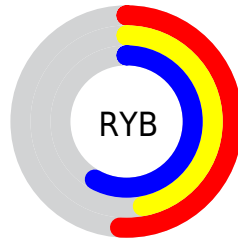
The Decimal color **8616084** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9016440**, and the grayscale version is **8289918**.

A 20% lighter version of the original color is **12102858**, and **5326945** is the 20% darker color. If you saturate the color by 10%, you get **8022420**, and if you desaturate by 10%, it is **9209748**.

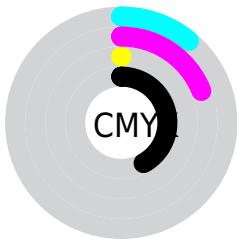
# Distribution



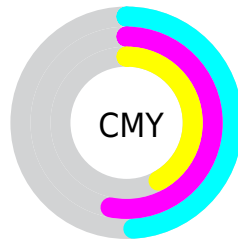
- Red (51%)
- Green (47%)
- Blue (58%)



- Red (51%)
- Yellow (47%)
- Blue (58%)



- Cyan (11%)
- Magenta (19%)
- Yellow (0%)
- Black (42%)



- Cyan (49%)
- Magenta (53%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8616084 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 8616084 by changing the saturation by 10% instead.



■ 8616084

■ 8616084

16777215

■ 6971258

■ 12102858

■ 5326945

■ 13945062

■ 3813705

■ 15787263

■ 2366515

■ 1114654

■ 1

■ 0

■ 8616084

■ 8616084

■ 8022420

■ 9209748

7428756

9803412

6835348

10396820

6241684

10990484

5648020

11584148

5054356

12177812

4460692

12771476

3867284

13364884

3801236

13958548

# Harmonies

## Analogous

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



7372185



8616084



9598089

# Triad

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



8616084



9599075



5801343

# Complementary

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



8616084



9016440

# 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.



6587505



8616084



8748384

# Square

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



8616084



10122348



7700837



5604493

# Rectangle

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



8616084



9991039



7700837



5997946



# Sweetspot

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



8616084



12104895



7899540



6117985



14737632



6381921



# Same Dimension

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



8616084



10851263



9533588



4539210



3539082



262154



# Inverse Universe

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



9730185



12555182



8098936



4866887



9044052

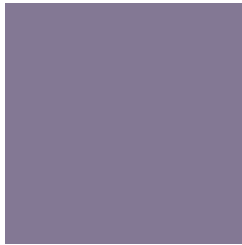


655366



# Previews

## White Background



This preview shows how the Decimal color 8616084 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 8616084 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 8616084 Background



This preview shows how black text looks on a background with the Decimal color 8616084.



This preview shows how white text looks on a background with the Decimal color 8616084.

# 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**  
8616084

**Protanopia**  
7830678

**Deuteranopia**  
8288916



# Trichromacy



**Original Color**  
8616084

**Protanomaly**  
8092565

**Deuteranomaly**  
8419732

**Tritanomaly**  
8485514

# Monochromacy



**Original Color**  
8616084

**Achromatopsia**  
8289918

**Achromatomaly**  
8420486

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8616084 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 #837894 looks like.

```
.text, #text, p{  
  color:#837894  
}
```

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 #837894 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #837894
}
```

## Border

The CSS property to change the border of an element to Decimal 8616084 is called "border". The border property can be set on classes, ids or directly on the HTML element.

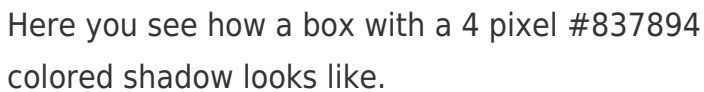
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#837894 }
```

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

```
.border{ border-color:#837894 }
```

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



Here you see how a box with a 4 pixel #837894 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #837894; -webkit-box-shadow:4px 4px  
4px 4px #837894; box-shadow:4px 4px 4px  
4px #837894 }
```

# Background

The CSS property to change the background color of an element to Decimal 8616084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#837894 }
```

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

```
.background{ background-color:#837894 }
```

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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