

# Converting Colors

Decimal(8794699)

Have a look what the booklet for  
Decimal(8794699) contains.

<b>Decimal(8794699)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Decimal(8794699)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	86324B
RGB	134, 50, 75
RGB Percent	53%, 20%, 29%
CMY	0.4745, 0.8039, 0.7059
CMYK	0.00, 0.63, 0.44, 0.47
HSL	342°, 46%, 36%
HSV	342°, 63%, 53%
XYZ	12.2421, 7.8575, 7.5280
YIQ	77.9660, 42.0390, 25.5830

# Conversions

## Conversions Part 2

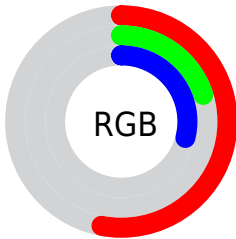
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	134, 50, 75
Decimal	8794699
CIE <sub>Lab</sub>	33.68, 38.35, 3.58
CIE <sub>LCh</sub>	34, 38.518, 5.328
Yxy	7.8575, 0.4431, 0.2844
Android (android.graphics.Color)	4286984779 (0xFF86324B)
YUV	77.9660, -1.4622, 49.1418
Hunter-Lab	28.0313, 28.9016, 3.6991

# Details

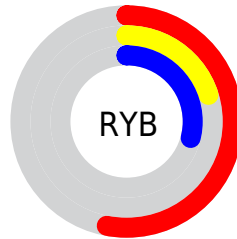
The Decimal color **8794699** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **3311213**, and the grayscale version is **5131854**.

A 20% lighter version of the original color is **12477820**, and **5242911** is the 20% darker color. If you saturate the color by 10%, you get **8791362**, and if you desaturate by 10%, it is **8798036**.

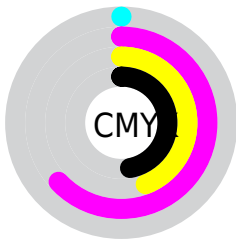
# Distribution



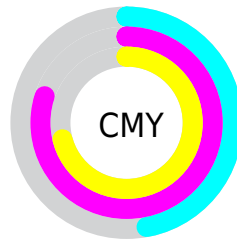
- Red (53%)
- Green (20%)
- Blue (29%)



- Red (53%)
- Yellow (20%)
- Blue (29%)



- Cyan (0%)
- Magenta (63%)
- Yellow (44%)
- Black (47%)



- Cyan (47%)
- Magenta (80%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8794699 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 8794699 by changing the saturation by 10% instead.



 8794699

 8794699

16777215

 7018548

 12477820

 5242911

 14385045

 3604487

 16358064

 1507328

 16758219

 0

 16765415

 16772863

 8794699

 8794699

 8791362

 8798036

8787768

8801630

8784431

8804967

8781864

8808561

8811898

8815235

8818829

8822166

8825760

# Harmonies

## Analogous

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



7878761



8794699



8599598

# Triad

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



8794699



3823385



22918

# Complementary

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



8794699



3311213

# 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.



23922



8794699



23604

# Square

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



8794699



5918474



24148



872844

# Rectangle

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



8794699



7946269



24148



23425



# Sweetspot

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



8794699



11373718



7156358



5718857



14079702



5723991



# Same Dimension

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



8794699



11348818



8799026



4340798



8519719



196609



# Inverse Universe

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



8794699



11348818



3306886



4340798



8519719

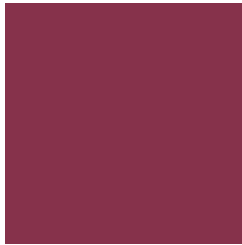


196609



# Previews

## White Background



This preview shows how the Decimal color 8794699 looks on a white background.

## Color Contrast Check

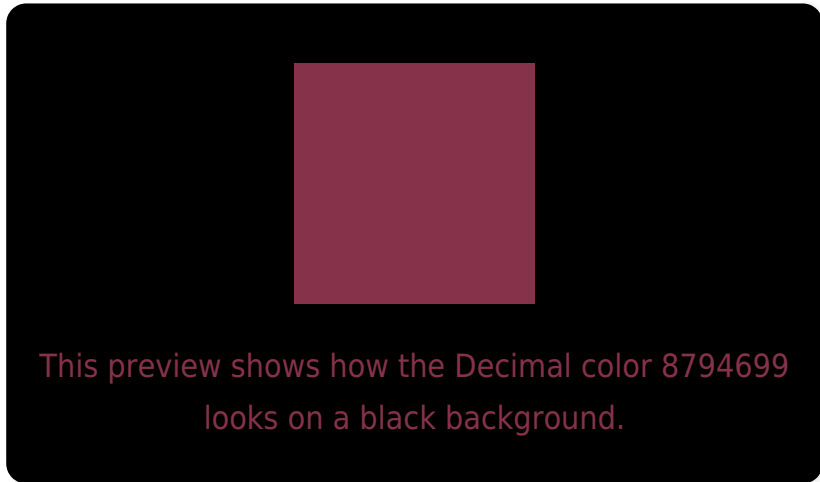
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

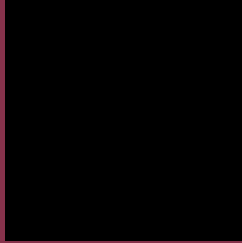
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 8794699 Background



This preview shows how black text looks on a background with the Decimal color 8794699.

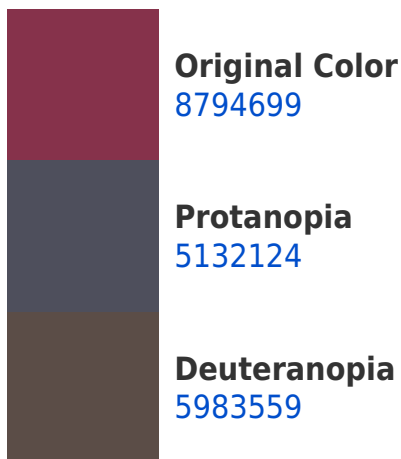



This preview shows how white text looks on a background with the Decimal color 8794699.

# 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**  
8730169

# Trichromacy



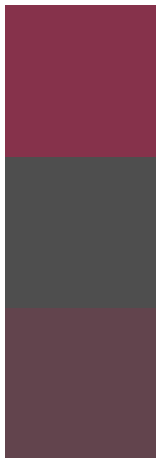
**Original Color**  
8794699

**Protanomaly**  
6440022

**Deuteranomaly**  
7029576

**Tritanomaly**  
8729920

# Monochromacy



**Original Color**  
8794699

**Achromatopsia**  
5131854

**Achromatomaly**  
6440013

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8794699 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 #86324B looks like.

```
.text, #text, p{  
    color:#86324B  
}
```

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 #86324B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86324B
}
```

## Border

The CSS property to change the border of an element to Decimal 8794699 is called "border". The border property can be set on classes, ids or directly on the HTML element.

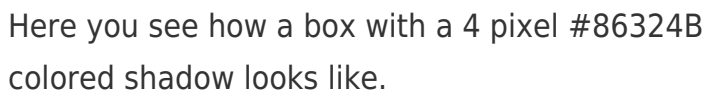
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#86324B }
```

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

```
.border{ border-color:#86324B }
```

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



Here you see how a box with a 4 pixel #86324B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86324B; -webkit-box-shadow:4px 4px  
4px 4px #86324B; box-shadow:4px 4px 4px  
4px #86324B }
```

# Background

The CSS property to change the background color of an element to Decimal 8794699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86324B }
```

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

```
.background{ background-color:#86324B }
```

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