

# Converting Colors

Decimal(8594304)

Have a look what the booklet for  
Decimal(8594304) contains.

<b>Decimal(8594304)</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(8594304)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	832380
RGB	131, 35, 128
RGB Percent	51%, 14%, 50%
CMY	0.4863, 0.8627, 0.4980
CMYK	0.00, 0.73, 0.02, 0.49
HSL	302°, 58%, 33%
HSV	302°, 73%, 51%
XYZ	13.8574, 7.5859, 21.1559
YIQ	74.3060, 27.3630, 49.2750

# Conversions

## Conversions Part 2

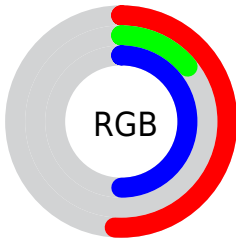
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 35, 128
Decimal	8594304
CIE <sub>Lab</sub>	33.11, 51.50, -31.17
CIE <sub>LCh</sub>	33, 60.200, 328.811
Yxy	7.5859, 0.3253, 0.1781
Android (android.graphics.Color)	4286784384 (0xFF832380)
YUV	74.3060, 26.4711, 49.7206
Hunter-Lab	27.5425, 41.6091, -26.2621

# Details

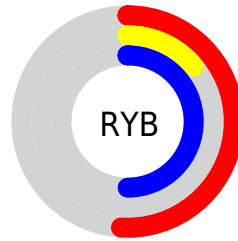
The Decimal color **8594304** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **2327334**, and the grayscale version is **4868682**.

A 20% lighter version of the original color is **12278453**, and **5111886** is the 20% darker color. If you saturate the color by 10%, you get **8590976**, and if you desaturate by 10%, it is **8597632**.

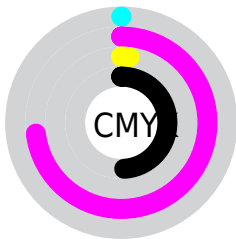
# Distribution



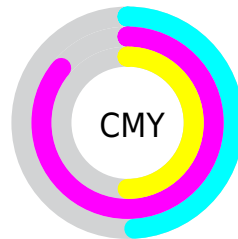
- Red (51%)
- Green (14%)
- Blue (50%)



- Red (51%)
- Yellow (14%)
- Blue (50%)



- Cyan (0%)
- Magenta (73%)
- Yellow (2%)
- Black (49%)



- Cyan (49%)
- Magenta (86%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8594304 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 8594304 by changing the saturation by 10% instead.





8594304



8594304

16777215



6815847



12278453



5111886



14120145



3473463



16093421



1703969



16755711



5



16762879



0



16770303



8594304



8594304



8590976



8597632

■ 8587647

■ 8600961

■ 8585343

■ 8604289

■ 8607618

■ 8611202

■ 8614530

■ 8617859

■ 8621187

■ 8624516

# Harmonies

## Analogous

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



4211362



8594304



10289234

# Triad

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



8594304



6441728



25211

# Complementary

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



8594304



2327334

# 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.



24907



8594304



3299328

# Square

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



8594304



8730112



24086



24480

# Rectangle

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



8594304



10355507



24086



25195



# Sweetspot

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



8594304



11240874



2433923



5718102



14079702



5723991



# Same Dimension

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



8594304



11212198



8594257



4340802



8519806



196610



# Inverse Universe

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



8594304



11212198



2327381



4340802



8519806



196610



# Previews

## White Background



This preview shows how the Decimal color 8594304 looks on a white background.

## Color Contrast Check

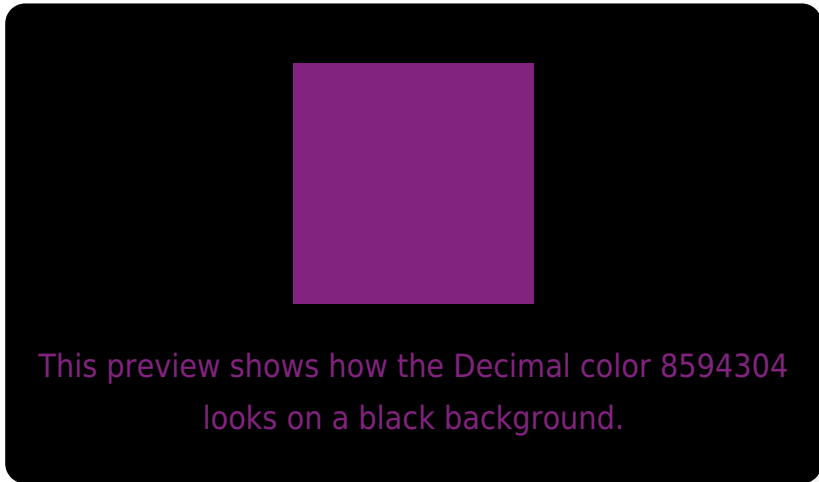
Large Text (above 18pt) WCAG AA ✓ Pass

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

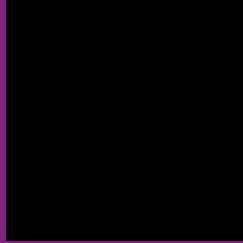
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 8594304 Background



This preview shows how black text looks on a background with the Decimal color 8594304.



This preview shows how white text looks on a background with the Decimal color 8594304.

# 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





# Trichromacy



**Original Color**  
8594304

**Protanomaly**  
3161494

**Deuteranomaly**  
5586812

**Tritanomaly**  
8335958

# Monochromacy



**Original Color**  
8594304

**Achromatopsia**  
4868682

**Achromatomaly**  
6241374

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8594304 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 #832380 looks like.

```
.text, #text, p{  
    color:#832380  
}
```

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 #832380 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #832380
}
```

## Border

The CSS property to change the border of an element to Decimal 8594304 is called "border". The border property can be set on classes, ids or directly on the HTML element.

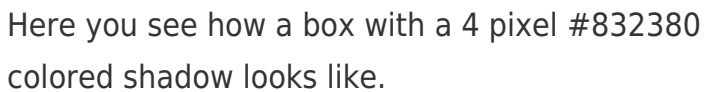
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#832380 }
```

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

```
.border{ border-color:#832380 }
```

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



Here you see how a box with a 4 pixel #832380 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #832380; -webkit-box-shadow:4px 4px  
4px 4px #832380; box-shadow:4px 4px 4px  
4px #832380 }
```

# Background

The CSS property to change the background color of an element to Decimal 8594304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#832380 }
```

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

```
.background{ background-color:#832380 }
```

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