

# Converting Colors

Decimal(9339806)

Have a look what the booklet for  
Decimal(9339806) contains.

<b>Decimal(9339806)</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(9339806)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8E839E
RGB	142, 131, 158
RGB Percent	56%, 51%, 62%
CMY	0.4431, 0.4863, 0.3804
CMYK	0.10, 0.17, 0.00, 0.38
HSL	264°, 12%, 57%
HSV	264°, 17%, 62%
XYZ	25.4432, 24.4520, 35.7265
YIQ	137.3670, -2.1110, 10.7290

# Conversions

## Conversions Part 2

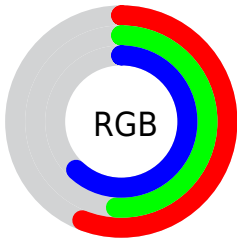
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	142, 131, 158
Decimal	9339806
CIE Lab	56.54, 9.58, -12.88
CIE LCh	57, 16.052, 306.639
Yxy	24.4520, 0.2972, 0.2856
Android (android.graphics.Color)	4287529886 (0xFF8E839E)
YUV	137.3670, 10.1721, 4.0631
Hunter-Lab	49.4490, 5.3087, -8.2222

# Details

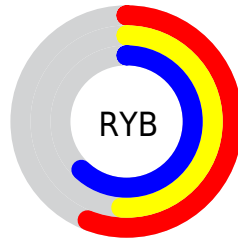
The Decimal color **9339806** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **9674371**, and the grayscale version is **9013641**.

A 20% lighter version of the original color is **12892373**, and **6050411** is the 20% darker color. If you saturate the color by 10%, you get **8745886**, and if you desaturate by 10%, it is **9933726**.

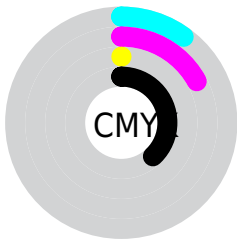
# Distribution



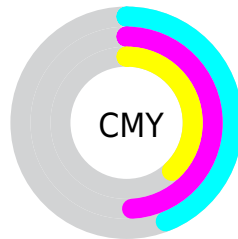
- Red (56%)
- Green (51%)
- Blue (62%)



- Red (56%)
- Yellow (51%)
- Blue (62%)



- Cyan (10%)
- Magenta (17%)
- Yellow (0%)
- Black (38%)



- Cyan (44%)
- Magenta (49%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9339806 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 9339806 by changing the saturation by 10% instead.



■ 9339806

■ 9339806

16777215

■ 7629444

■ 12892373

■ 6050411

■ 14734577

■ 4471634

■ 16576767

■ 2958651

■ 1642790

■ 272

■ 0

■ 9339806

■ 9339806

■ 8745886

■ 9933726

8086430

10593182

7492766

11186846

6898846

11780766

6239390

12440222

5645470

13034142

4986014

13693598

4392350

14286750

4194462

14876574

# Harmonies

## Analogous

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



8161443



9339806



10256275

# Triad

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



9339806



10257262



6656138

# Complementary

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



9339806



9674371

# 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.



7376764



9339806



9406572

# Square

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



9339806



10780536



8424561



6459288

# Rectangle

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



9339806



10649226



8424561



6852741



# Sweetspot

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



9339806



13157583



8623006



6644329



15263976



6908265



# Same Dimension

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



9339806



11903951



10191774



4867919



3801231



393231



# Inverse Universe

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



10388371



13607869



8822403



5195596



9371733



983049



# Previews

## White Background



This preview shows how the Decimal color 9339806 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 9339806 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

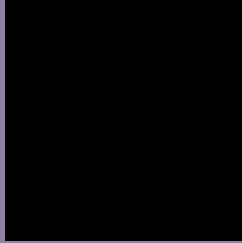
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 9339806 Background



This preview shows how black text looks on a background with the Decimal color 9339806.



This preview shows how white text looks on a background with the Decimal color 9339806.

# 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**  
9339806

**Protanopia**  
8554144

**Deuteranopia**  
9077918



**Tritanopia**  
9209232

# Trichromacy



**Original Color**  
9339806

**Protanomaly**  
8816031

**Deuteranomaly**  
9143454

**Tritanomaly**  
9274517

# Monochromacy



**Original Color**  
9339806

**Achromatopsia**  
9013641

**Achromatomaly**  
9144209

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9339806 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 #8E839E looks like.

```
.text, #text, p{  
  color:#8E839E  
}
```

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 #8E839E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E839E
}
```

## Border

The CSS property to change the border of an element to Decimal 9339806 is called "border". The border property can be set on classes, ids or directly on the HTML element.

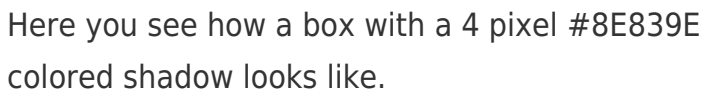
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8E839E }
```

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

```
.border{ border-color:#8E839E }
```

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



Here you see how a box with a 4 pixel #8E839E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E839E; -webkit-box-shadow:4px 4px  
4px 4px #8E839E; box-shadow:4px 4px 4px  
4px #8E839E }
```

# Background

The CSS property to change the background color of an element to Decimal 9339806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E839E }
```

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

```
.background{ background-color:#8E839E }
```

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