

# Converting Colors

Decimal(8357539)

Have a look what the booklet for  
Decimal(8357539) contains.

<b>Decimal(8357539)</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(8357539)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F86A3
RGB	127, 134, 163
RGB Percent	50%, 53%, 64%
CMY	0.5020, 0.4745, 0.3608
CMYK	0.22, 0.18, 0.00, 0.36
HSL	228°, 16%, 57%
HSV	228°, 22%, 64%
XYZ	23.8884, 24.2066, 38.0636
YIQ	135.2130, -13.4810, 7.5350

# Conversions

## Conversions Part 2

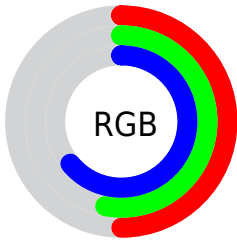
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">127, 133, 163</a>
Decimal	<a href="#">8357539</a>
CIELab	<a href="#">56.29, 3.93, -16.25</a>
CIElCh	<a href="#">56, 16.713, 283.588</a>
Yxy	<a href="#">24.2066, 0.2773, 0.2810</a>
Android (android.graphics.Color)	<a href="#">4286547619</a> ( <a href="#">0xFF7F86A3</a> )
YUV	<a href="#">135.2130, 13.6990, -7.2028</a>
Hunter-Lab	<a href="#">49.2002, 0.5675, -11.4295</a>

# Details

The Decimal color **8357539** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **10722431**, and the grayscale version is **8882055**.

A 20% lighter version of the original color is **11844570**, and **5068143** is the 20% darker color. If you saturate the color by 10%, you get **7305635**, and if you desaturate by 10%, it is **9409443**.

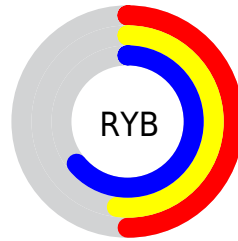
# Distribution



Red (50%)

Green (53%)

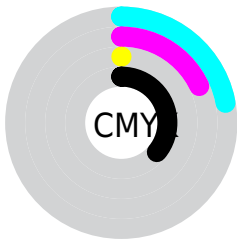
Blue (64%)



Red (50%)

Yellow (52%)

Blue (64%)

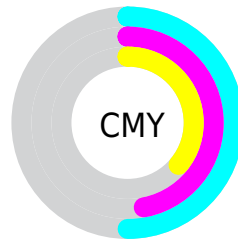


Cyan (22%)

Magenta (18%)

Yellow (0%)

Black (36%)



Cyan (50%)

Magenta (47%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8357539 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 8357539 by changing the saturation by 10% instead.



■ 8357539

■ 8357539

16777215

■ 6712713

■ 11844570

■ 5068143

■ 13686774

■ 3554647

■ 15528959

■ 2041919

■ 594729

■ 277

■ 0

■ 8357539

■ 8357539

■ 7305635

■ 9409443

6188195

10526883

5136291

11578787

4084131

12630947

3032227

13682851

1914787

14800291

862883

15852195

8355

16773027

16776355

# Harmonies

## Analogous

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



7113634



8357539



9601436

# Triad

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



8357539



10714996



7049086

# Complementary

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



8357539



10722431

# 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.



8096882



8357539



10126187

# Square

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



8357539



10845569



9144427



6393741

# Rectangle

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



8357539



10190740



9144427



7376506



# Sweetspot

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



8357539



12962004



8364956



6513771



15461355



7039851



# Same Dimension

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



8357539



10200788



9076643



4803410



7313



786



# Inverse Universe

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



10715014



13933478



10003327



5392715



9502748



1179651



# Previews

## White Background



This preview shows how the Decimal color 8357539 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 8357539 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

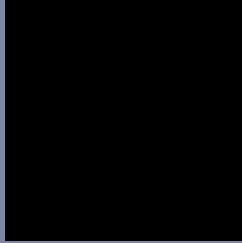
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

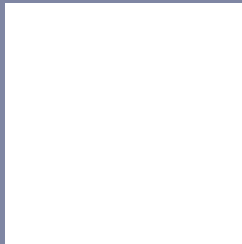
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 8357539 Background



This preview shows how black text looks on a background with the Decimal color 8357539.



This preview shows how white text looks on a background with the Decimal color 8357539.

# 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](#).

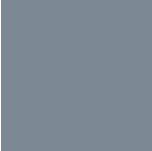
## Dichromacy



**Original Color**  
8357539

**Protanopia**  
8423075

**Deuteranopia**  
8815779



**Tritanopia**  
8161684

# Trichromacy



**Original Color**  
8357539

**Protanomaly**  
8423075

**Deuteranomaly**  
8619427

**Tritanomaly**  
8226969

# Monochromacy



**Original Color**  
8357539

**Achromatopsia**  
8882055

**Achromatomaly**  
8685457

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8357539 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 #7F86A3 looks like.

```
.text, #text, p{  
    color:#7F86A3  
}
```

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 #7F86A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F86A3
}
```

## Border

The CSS property to change the border of an element to Decimal 8357539 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
#7F86A3 }
```

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

```
.border{ border-color:#7F86A3 }
```

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

Here you see how a box with a 4 pixel #7F86A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F86A3; -webkit-box-shadow:4px 4px  
4px 4px #7F86A3; box-shadow:4px 4px 4px  
4px #7F86A3 }
```

# Background

The CSS property to change the background color of an element to Decimal 8357539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F86A3 }
```

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

```
.background{ background-color:#7F86A3 }
```

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