

# Converting Colors

Decimal(8336540)

Have a look what the booklet for  
Decimal(8336540) contains.

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**Color**

**Decimal(8336540)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F349C
RGB	127, 52, 156
RGB Percent	50%, 20%, 61%
CMY	0.5020, 0.7961, 0.3882
CMYK	0.19, 0.67, 0.00, 0.39
HSL	283°, 50%, 41%
HSV	283°, 67%, 61%
XYZ	15.9811, 9.3683, 32.4185
YIQ	86.2810, 11.3160, 48.2440

# Conversions

## Conversions Part 2

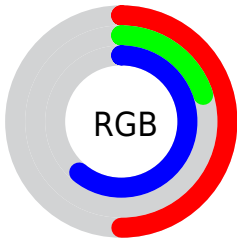
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 52, 156
Decimal	8336540
CIE <sub>Lab</sub>	36.68, 48.88, -42.71
CIE <sub>LCh</sub>	37, 64.916, 318.852
Yxy	9.3683, 0.2766, 0.1622
Android (android.graphics.Color)	4286526620 (0xFF7F349C)
YUV	86.2810, 34.3715, 35.7106
Hunter-Lab	30.6077, 39.6364, -41.3722

# Details

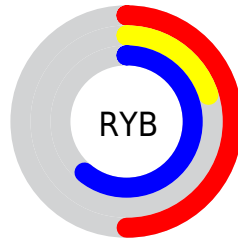
The Decimal color **8336540** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **5348404**, and the grayscale version is **5658198**.

A 20% lighter version of the original color is **11954387**, and **4849768** is the 20% darker color. If you saturate the color by 10%, you get **8070300**, and if you desaturate by 10%, it is **8602780**.

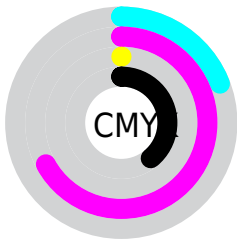
# Distribution



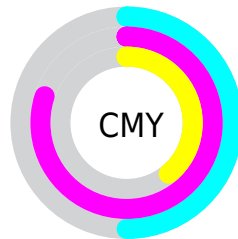
- Red (50%)
- Green (20%)
- Blue (61%)



- Red (50%)
- Yellow (20%)
- Blue (61%)



- Cyan (19%)
- Magenta (67%)
- Yellow (0%)
- Black (39%)



- Cyan (50%)
- Magenta (80%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8336540 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 8336540 by changing the saturation by 10% instead.



8336540

8336540

16777215

6559874

11954387

4849768

13861616

3145807

15769343

1572920

16759295

545

16766719

6

16773887

0

8336540

8336540

8070300

8602780

7738780

8934300

7472540

9200540

7340188

9466524

9798300

10064540

10330524

10662300

10928284

# Harmonies

## Analogous

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



20923



8336540



10945388

# Triad

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



8336540



8015104



27767

# Complementary

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



8336540



5348404

# 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.



27456



8336540



4939264

# Square

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



8336540



10301952



26368



27301

# Rectangle

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



8336540



11468873



26368



27749



# Sweetspot

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



8336540



12690380



3428764



6245990



15132390



6710886



# Same Dimension

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



8336540



10365388



10237061



5064527



6750351



720911



# Inverse Universe

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



10237009



13379926



3447883



5195593



9371688



983044



# Previews

## White Background



This preview shows how the Decimal color 8336540 looks on a white background.

## Color Contrast Check

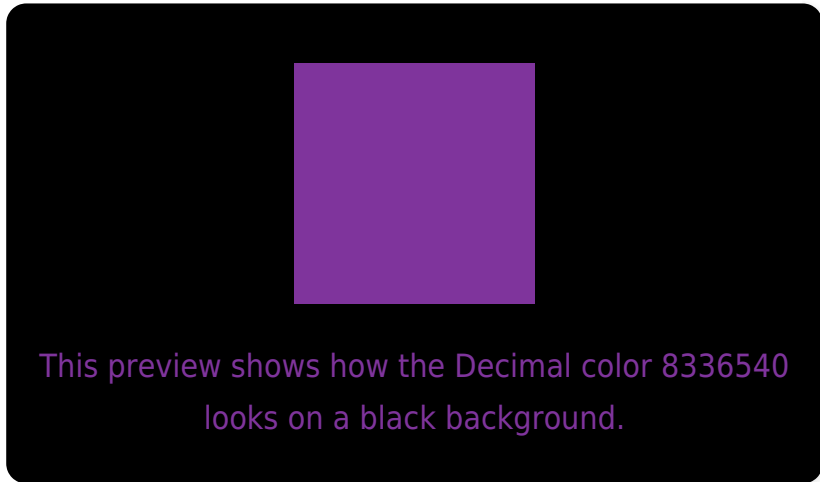
Large Text (above 18pt) WCAG AA ✓ Pass

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

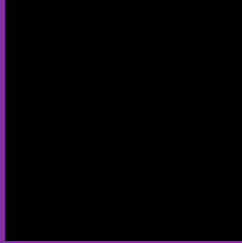
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 8336540 Background



This preview shows how black text looks on a background with the Decimal color 8336540.




This preview shows how white text looks on a background with the Decimal color 8336540.

# 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



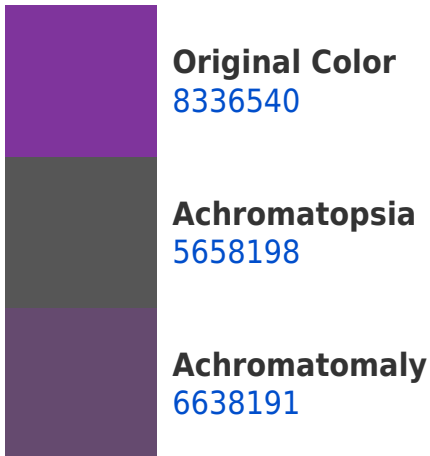


**Tritanopia**  
7621713

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8336540 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 #7F349C looks like.

```
.text, #text, p{  
    color:#7F349C  
}
```

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 #7F349C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F349C
}
```

## Border

The CSS property to change the border of an element to Decimal 8336540 is called "border". The border property can be set on classes, ids or directly on the HTML element.

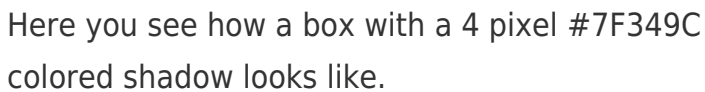
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F349C }
```

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

```
.border{ border-color:#7F349C }
```

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



Here you see how a box with a 4 pixel #7F349C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F349C; -webkit-box-shadow:4px 4px  
4px 4px #7F349C; box-shadow:4px 4px 4px  
4px #7F349C }
```

# Background

The CSS property to change the background color of an element to Decimal 8336540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F349C }
```

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

```
.background{ background-color:#7F349C }
```

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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