

# Converting Colors

Decimal(8336258)

Have a look what the booklet for  
Decimal(8336258) contains.

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**Color**

**Decimal(8336258)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F3382
RGB	127, 51, 130
RGB Percent	50%, 20%, 51%
CMY	0.5020, 0.8000, 0.4902
CMYK	0.02, 0.61, 0.00, 0.49
HSL	298°, 44%, 35%
HSV	298°, 61%, 51%
XYZ	13.9655, 8.4914, 22.0220
YIQ	82.7300, 19.9370, 40.6810

# Conversions

## Conversions Part 2

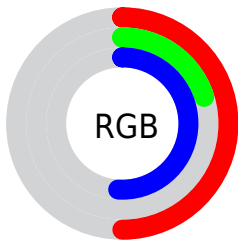
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 51, 130
Decimal	8336258
CIE <sub>Lab</sub>	34.99, 44.07, -29.49
CIE <sub>LCh</sub>	35, 53.031, 326.212
Yxy	8.4914, 0.3140, 0.1909
Android (android.graphics.Color)	4286526338 (0xFF7F3382)
YUV	82.7300, 23.3041, 38.8248
Hunter-Lab	29.1400, 34.5521, -24.4094

# Details

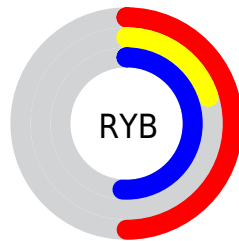
The Decimal color **8336258** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **3572275**, and the grayscale version is **5395026**.

A 20% lighter version of the original color is **11953847**, and **4915280** is the 20% darker color. If you saturate the color by 10%, you get **8332930**, and if you desaturate by 10%, it is **8339586**.

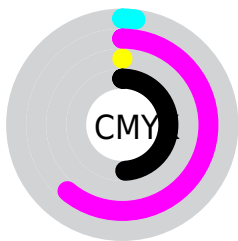
# Distribution



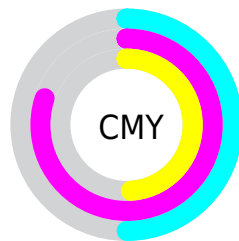
- Red (50%)
- Green (20%)
- Blue (51%)



- Red (50%)
- Yellow (20%)
- Blue (51%)



- Cyan (2%)
- Magenta (61%)
- Yellow (0%)
- Black (49%)



- Cyan (50%)
- Magenta (80%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8336258 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 8336258 by changing the saturation by 10% instead.



 8336258

 8336258

16777215

 6625385

 11953847

 4915280

 13795795

 3276857

 15703024

 1703971

 16758783

 9

 16765951

 0

 16773375

 8336258

 8336258

 8332930

 8339586

■ 8264066

■ 8408450

■ 8260738

■ 8411778

■ 8192130

■ 8480642

■ 8483970

■ 8552834

■ 8556162

■ 8625026

■ 8628354

# Harmonies

## Analogous

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



4344223



8336258



10035290

# Triad

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



8336258



6901504



25975

# Complementary

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



8336258



3572275

# 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.



25675



8336258



4217600

# Square

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



8336258



8928260



24863



25241

# Rectangle

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



8336258



10232125



24863



25961



# Sweetspot

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



8336258



10980008



3356546



5456468



13948116



5526612



# Same Dimension

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



8336258



10759592



8532830



4208960



8061056



0



# Inverse Universe

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



8532790



11021618



3375703



4208954



8388613



0



# Previews

## White Background



This preview shows how the Decimal color 8336258 looks on a white background.

## Color Contrast Check

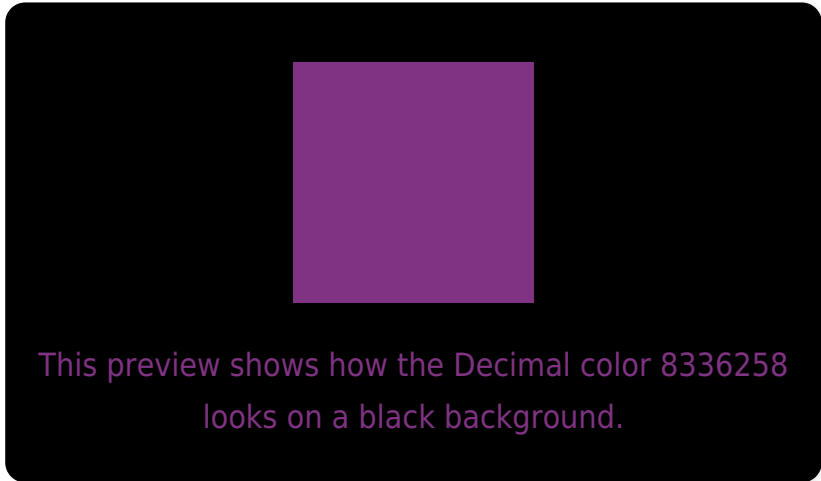
Large Text (above 18pt) WCAG AA ✓ Pass

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

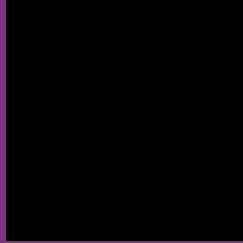
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 8336258 Background



This preview shows how black text looks on a background with the Decimal color 8336258.

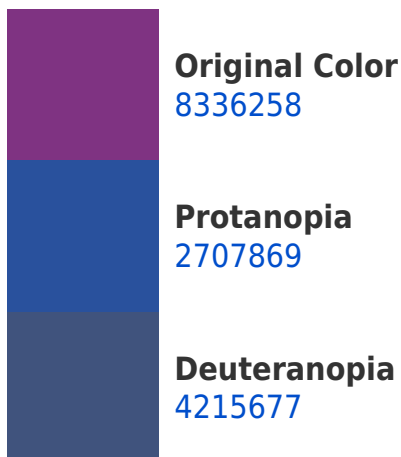



This preview shows how white text looks on a background with the Decimal color 8336258.

# 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**  
7881544

# Trichromacy



**Original Color**  
8336258



**Protanomaly**  
4736659



**Deuteranomaly**  
5719935



**Tritanomaly**  
8076637

# Monochromacy



**Original Color**  
8336258



**Achromatopsia**  
5460819



**Achromatomaly**  
6506340

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8336258 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 #7F3382 looks like.

```
.text, #text, p{  
    color:#7F3382  
}
```

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 #7F3382 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F3382
}
```

## Border

The CSS property to change the border of an element to Decimal 8336258 is called "border". The border property can be set on classes, ids or directly on the HTML element.

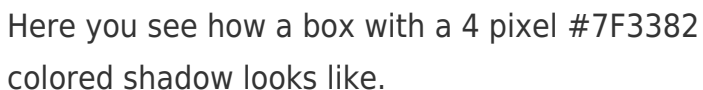
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F3382 }
```

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

```
.border{ border-color:#7F3382 }
```

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



Here you see how a box with a 4 pixel #7F3382 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F3382; -webkit-box-shadow:4px 4px  
4px 4px #7F3382; box-shadow:4px 4px 4px  
4px #7F3382 }
```

# Background

The CSS property to change the background color of an element to Decimal 8336258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F3382 }
```

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

```
.background{ background-color:#7F3382 }
```

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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