

# Converting Colors

Decimal(8336639)

Have a look what the booklet for  
Decimal(8336639) contains.

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**Color**

**Decimal(8336639)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7F34FF
RGB	127, 52, 255
RGB Percent	50%, 20%, 100%
CMY	0.5020, 0.7961, 0.0000
CMYK	0.50, 0.80, 0.00, 0.00
HSL	262°, 100%, 60%
HSV	262°, 80%, 100%
XYZ	28.0304, 14.1880, 95.8689
YIQ	97.5670, -20.4630, 79.0330

# Conversions

## Conversions Part 2

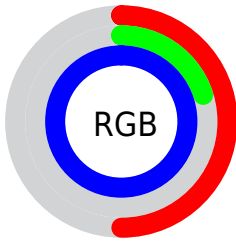
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 52, 255
Decimal	8336639
CIE <sub>Lab</sub>	44.50, 72.03, -87.38
CIE <sub>LCh</sub>	45, 113.241, 309.501
Yxy	14.1880, 0.2030, 0.1027
Android (android.graphics.Color)	4286526719 (0xFF7F34FF)
YUV	97.5670, 77.6145, 25.8127
Hunter-Lab	37.6670, 66.9160, -124.5364

# Details

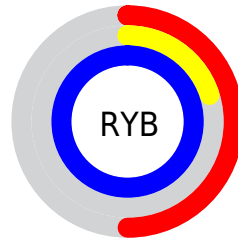
The Decimal color **8336639** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **11861812**, and the grayscale version is **6381921**.

A 20% lighter version of the original color is **12479743**, and **3735749** is the 20% darker color. If you saturate the color by 10%, you get **7281407**, and if you desaturate by 10%, it is **9391871**.

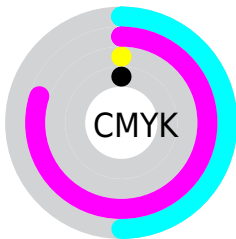
# Distribution



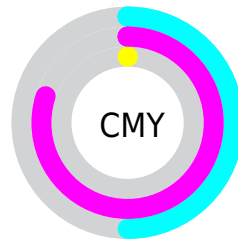
- Red (50%)
- Green (20%)
- Blue (100%)



- Red (50%)
- Yellow (20%)
- Blue (100%)



- Cyan (50%)
- Magenta (80%)
- Yellow (0%)
- Black (0%)



- Cyan (50%)
- Magenta (80%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8336639 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 8336639 by changing the saturation by 10% instead.



 8336639

 8336639

16777215

 6164962

 12479743

 3735749

 14518527

 169

 16557311

 141

 16761087

 114

 16768511

 2393

 16776191

 1856

 809

 275

■ 8336639

■ 8336639

■ 7281407

■ 9391871

■ 6226431

■ 10446847

■ 6160639

■ 11502079

■ 12557055

■ 13612031

■ 14667263

■ 15788031

16777215

# Harmonies

## Analogous

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



28927



8336639



15138990

# Triad

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



8336639



11749632



35462

# Complementary

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



8336639



11861812

# 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.



34588



8336639



6713344

# Square

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



8336639



15335424



32768



35810

# Rectangle

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



8336639



16646256



32768



35173



# Sweetspot

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



8336639



14205695



3454463



6839168



0



8421504



# Same Dimension

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



8336639



6621951



14955775



7828352



4653247



1572928



# Inverse Universe

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



16725172



16714405



5242676



8418171



12517497

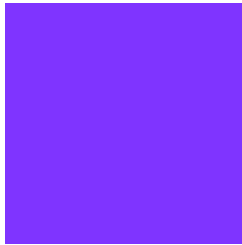


4194344



# Previews

## White Background



This preview shows how the Decimal color 8336639 looks on a white background.

## Color Contrast Check

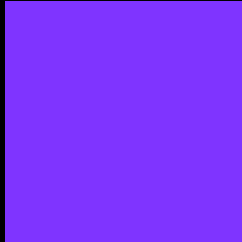
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 8336639 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

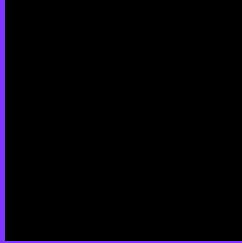
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 8336639 Background



This preview shows how black text looks on a background with the Decimal color 8336639.



This preview shows how white text looks on a background with the Decimal color 8336639.

# 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**  
8336639



**Deuteranomaly**  
3037393



**Tritanomaly**  
6707367

# Monochromacy



**Original Color**  
8336639



**Achromatopsia**  
6447714



**Achromatomaly**  
7164315

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8336639 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 #7F34FF looks like.

```
.text, #text, p{  
  color:#7F34FF  
}
```

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 #7F34FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F34FF
}
```

## Border

The CSS property to change the border of an element to Decimal 8336639 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
#7F34FF }
```

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

```
.border{ border-color:#7F34FF }
```

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

Here you see how a box with a 4 pixel #7F34FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F34FF; -webkit-box-shadow:4px 4px  
4px 4px #7F34FF; box-shadow:4px 4px 4px  
4px #7F34FF }
```

# Background

The CSS property to change the background color of an element to Decimal 8336639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F34FF }
```

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

```
.background{ background-color:#7F34FF }
```

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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