

# Converting Colors

Decimal(8716526)

Have a look what the booklet for  
Decimal(8716526) contains.

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**Color**

**Decimal(8716526)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8500EE
RGB	133, 0, 238
RGB Percent	52%, 0%, 93%
CMY	0.4784, 1.0000, 0.0667
CMYK	0.44, 1.00, 0.00, 0.07
HSL	274°, 100%, 47%
HSV	274°, 100%, 93%
XYZ	25.1055, 11.1596, 81.7197
YIQ	66.8990, 2.8700, 102.2140

# Conversions

## Conversions Part 2

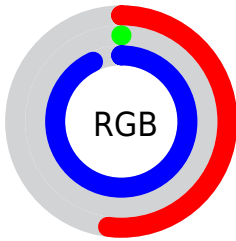
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 0, 238
Decimal	8716526
CIE <sub>Lab</sub>	39.85, 80.09, -85.47
CIE <sub>LCh</sub>	40, 117.123, 313.139
Yxy	11.1596, 0.2128, 0.0946
Android (android.graphics.Color)	4286906606 (0xFF8500EE)
YUV	66.8990, 84.3528, 57.9706
Hunter-Lab	33.4060, 75.6871, -121.6546

# Details

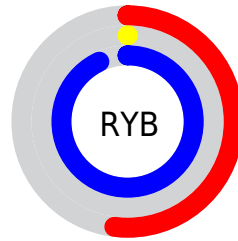
The Decimal color **8716526** is a dark color, and the websafe version is hex **9900FF**. The color can be described as dark washed purple. A complement of this color would be **6942208**, and the grayscale version is **4342338**.

A 20% lighter version of the original color is **12800767**, and **4391092** is the 20% darker color. If you saturate the color by 10%, you get **8716526**, and if you desaturate by 10%, it is **9378030**.

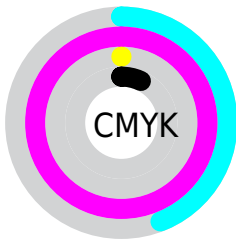
# Distribution



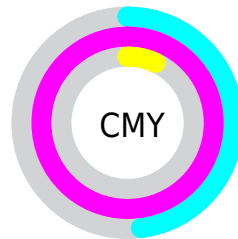
- Red (52%)
- Green (0%)
- Blue (93%)



- Red (52%)
- Yellow (0%)
- Blue (93%)



- Cyan (44%)
- Magenta (100%)
- Yellow (0%)
- Black (7%)



- Cyan (48%)
- Magenta (100%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8716526 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 8716526 by changing the saturation by 10% instead.



 8716526

 8716526

16777215

 6619345

 12800767

 4391092

 14839807

 1310873

 16747775

 126

 16755199

 99

 16762623

 2378

 16770303

 1075

 541

 0

 8716526

 9378030

 10105070

 10766318

 11493358

 12154862

 12881902

 13543406

 14270190

 14931694

# Harmonies

## Analogous

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



25343



8716526



14811288

# Triad

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



8716526



10306304



32136

# Complementary

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



8716526



6942208

# 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.



31262



8716526



4941568

# Square

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



8716526



14155776



29952



32739

# Rectangle

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



8716526



15990873



29952



31846



# Sweetspot

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



8716526



14529535



27630



7033472



0



8421504



# Same Dimension

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



8716526



9306367



15597794



7564408



6750392



2031672



# Inverse Universe

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



15597673



16711793



60940



7892081



12058705

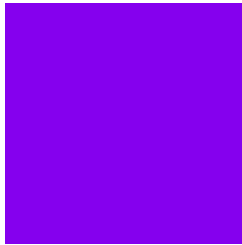


3670041



# Previews

## White Background



This preview shows how the Decimal color 8716526 looks on a white background.

## Color Contrast Check

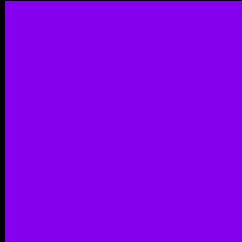
Large Text (above 18pt) WCAG AA ✓ Pass

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 8716526 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

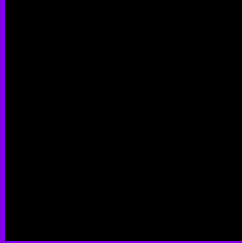
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 8716526 Background



This preview shows how black text looks on a background with the Decimal color 8716526.



This preview shows how white text looks on a background with the Decimal color 8716526.

# 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**  
6643044

# Trichromacy



**Original Color**  
8716526



**Protanomaly**  
3161042



**Deuteranomaly**  
3161792



**Tritanomaly**  
7420822

# Monochromacy



**Original Color**  
8716526



**Achromatopsia**  
4408131



**Achromatomaly**  
5974913

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8716526 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 #8500EE looks like.

```
.text, #text, p{  
    color:#8500EE  
}
```

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 #8500EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8500EE
}
```

## Border

The CSS property to change the border of an element to Decimal 8716526 is called "border". The border property can be set on classes, ids or directly on the HTML element.

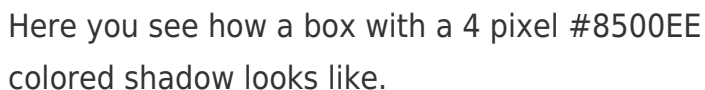
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8500EE }
```

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

```
.border{ border-color:#8500EE }
```

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



Here you see how a box with a 4 pixel #8500EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8500EE; -webkit-box-shadow:4px 4px  
4px 4px #8500EE; box-shadow:4px 4px 4px  
4px #8500EE }
```

# Background

The CSS property to change the background color of an element to Decimal 8716526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8500EE }
```

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

```
.background{ background-color:#8500EE }
```

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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