

# Converting Colors

Decimal(8716508)

Have a look what the booklet for  
Decimal(8716508) contains.

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**Color**

**Decimal(8716508)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8500DC
RGB	133, 0, 220
RGB Percent	52%, 0%, 86%
CMY	0.4784, 1.0000, 0.1373
CMYK	0.40, 1.00, 0.00, 0.14
HSL	276°, 100%, 43%
HSV	276°, 100%, 86%
XYZ	22.5911, 10.1539, 68.4793
YIQ	64.8470, 8.6480, 96.6160

# Conversions

## Conversions Part 2

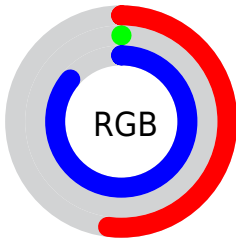
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 0, 220
Decimal	8716508
CIE <sub>Lab</sub>	38.12, 76.46, -78.05
CIE <sub>LCh</sub>	38, 109.258, 314.409
Yxy	10.1539, 0.2232, 0.1003
Android (android.graphics.Color)	4286906588 (0xFF8500DC)
YUV	64.8470, 76.4904, 59.7702
Hunter-Lab	31.8651, 70.7857, -105.1109

# Details

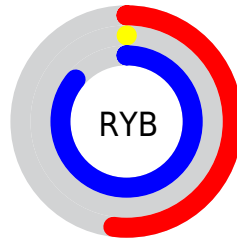
The Decimal color **8716508** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **5757952**, and the grayscale version is **4210752**.

A 20% lighter version of the original color is **12734975**, and **4587683** is the 20% darker color. If you saturate the color by 10%, you get **8716508**, and if you desaturate by 10%, it is **9311964**.

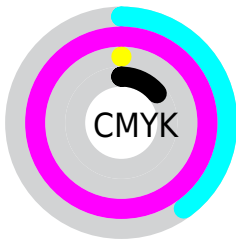
# Distribution



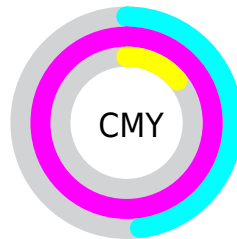
- Red (52%)
- Green (0%)
- Blue (86%)



- Red (52%)
- Yellow (0%)
- Blue (86%)



- Cyan (40%)
- Magenta (100%)
- Yellow (0%)
- Black (14%)



- Cyan (48%)
- Magenta (100%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8716508 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 8716508 by changing the saturation by 10% instead.



8716508

8716508

16777215

6684863

12734975

4587683

14708479

2097288

16747263

110

16754687

84

16762111

1596

16769535

549

270

0

■ 8716508

■ 9311964

■ 9841884

■ 10437340

■ 11032796

■ 11562716

■ 12158172

■ 12753628

■ 13349084

■ 13879004

# Harmonies

## Analogous

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



23551



8716508



14024844

# Triad

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



8716508



9651200



30596

# Complementary

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



8716508



5757952

# 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.



29988



8716508



4547328

# Square

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



8716508



13238272



28672



31192

# Rectangle

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



8716508



15073362



28672



30309



# Sweetspot

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



8716508



14791679



22748



7164544



0



8421504



# Same Dimension

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



8716508



10092799



14418118



6906734



6881453



1835054



# Inverse Universe

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



14418007



16711781



56342



7234407



11337797



3014674



# Previews

## White Background



This preview shows how the Decimal color 8716508 looks on a white background.

## Color Contrast Check

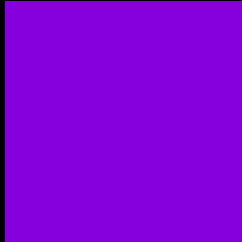
Large Text (above 18pt) WCAG AA ✓ Pass

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 8716508 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

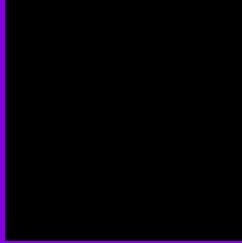
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 8716508 Background



This preview shows how black text looks on a background with the Decimal color 8716508.

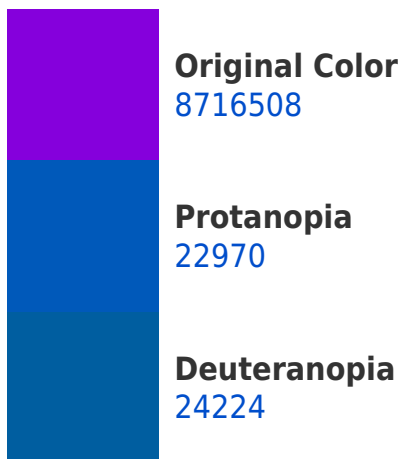



This preview shows how white text looks on a background with the Decimal color 8716508.

# 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**  
6968925

# Trichromacy



**Original Color**  
8716508



**Protanomaly**  
3160518



**Deuteranomaly**  
3161270



**Tritanomaly**  
7616395

# Monochromacy



**Original Color**  
8716508



**Achromatopsia**  
4276545



**Achromatomaly**  
5908857

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8716508 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 #8500DC looks like.

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

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 #8500DC colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Decimal 8716508 is called "border". The border property can be set on classes, ids or directly on the HTML element.

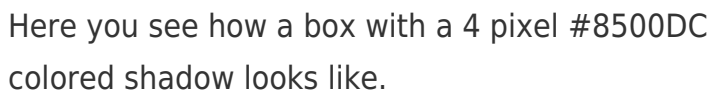
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

# Background

The CSS property to change the background color of an element to Decimal 8716508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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