

# Converting Colors

Decimal(8471778)

Have a look what the booklet for  
Decimal(8471778) contains.

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**Color**

**Decimal(8471778)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8144E2
RGB	129, 68, 226
RGB Percent	51%, 27%, 89%
CMY	0.4941, 0.7333, 0.1137
CMYK	0.43, 0.70, 0.00, 0.11
HSL	263°, 73%, 58%
HSV	263°, 70%, 89%
XYZ	24.8478, 14.2924, 73.4006
YIQ	104.2510, -14.3620, 62.0700

# Conversions

## Conversions Part 2

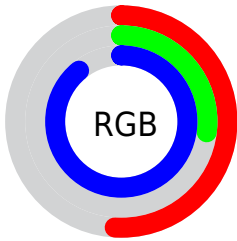
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	129, 68, 226
Decimal	8471778
CIE Lab	44.65, 58.29, -70.80
CIE LCh	45, 91.705, 309.465
Yxy	14.2924, 0.2208, 0.1270
Android (android.graphics.Color)	4286661858 (0xFF8144E2)
YUV	104.2510, 60.0223, 21.7049
Hunter-Lab	37.8052, 51.1617, -88.6506

# Details

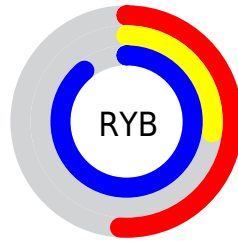
The Decimal color **8471778** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **10871364**, and the grayscale version is **6842472**.

A 20% lighter version of the original color is **12351999**, and **4458921** is the 20% darker color. If you saturate the color by 10%, you get **7548386**, and if you desaturate by 10%, it is **9395170**.

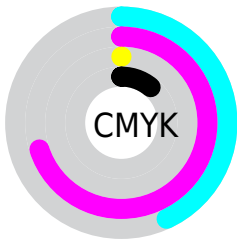
# Distribution



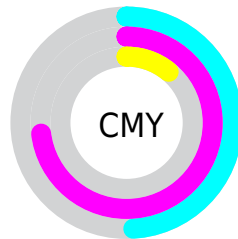
- Red (51%)
- Green (27%)
- Blue (89%)



- Red (51%)
- Yellow (27%)
- Blue (89%)



- Cyan (43%)
- Magenta (70%)
- Yellow (0%)
- Black (11%)




















- Cyan (49%)
- Magenta (73%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8471778 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 8471778 by changing the saturation by 10% instead.



 8471778	 8471778
 16777215	 6498757
 12351999	 4458921
 14324991	 2031758
 16297983	 116
 16763903	 90
 16771327	 1857
	 810
	 277
	 0

■ 8471778

■ 8471778

■ 7548386

■ 9395170

■ 6625250

■ 10318306

■ 5701858

■ 11241698

■ 12099298

■ 13022690

■ 13946082

■ 14869218

■ 15792610

■ 16711650

# Harmonies

## Analogous

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



28159



8471778



13697185

# Triad

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



8471778



11161856



34689

# Complementary

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



8471778



10871364

# 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.



33838



8471778



7106304

# Square

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



8471778



14090242



32000



34763

# Rectangle

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



8471778



15007855



32000



34406



# Sweetspot

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



8471778



14600703



4498914



7102592



0



8421504



# Same Dimension

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



8471778



8071679



13649122



6907248



4456624



1245232



# Inverse Universe

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



14828709



16722348



5694020



7365996



11534444

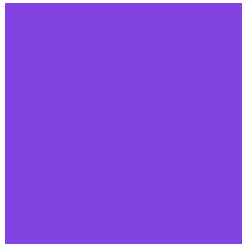


3145758



# Previews

## White Background



This preview shows how the Decimal color 8471778 looks on a white background.

## Color Contrast Check

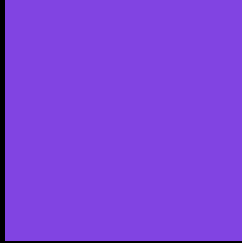
Large Text (above 18pt) WCAG AA ✓ Pass

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 8471778 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

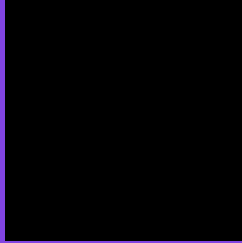
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 8471778 Background



This preview shows how black text looks on a background with the Decimal color 8471778.



This preview shows how white text looks on a background with the Decimal color 8471778.

# Color Blindness Simulation

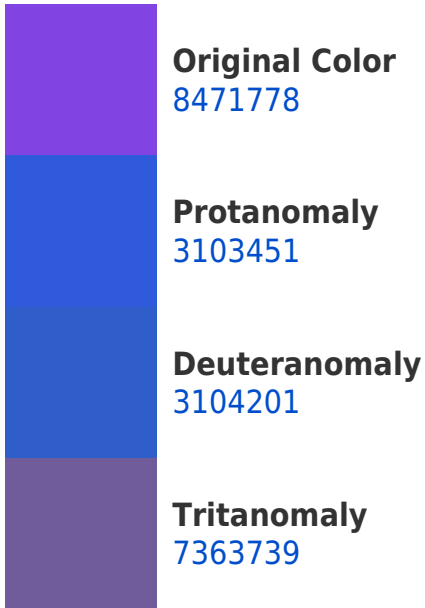
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

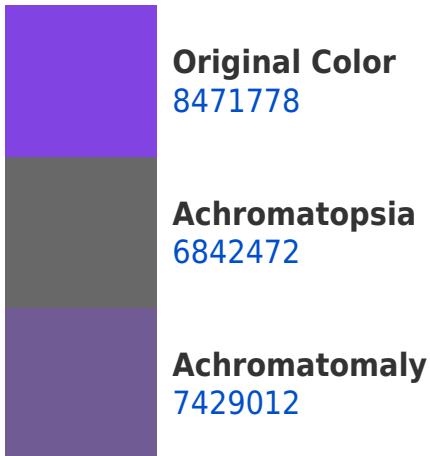




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8471778 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 #8144E2 looks like.

```
.text, #text, p{  
    color:#8144E2  
}
```

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 #8144E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8144E2
}
```

## Border

The CSS property to change the border of an element to Decimal 8471778 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".

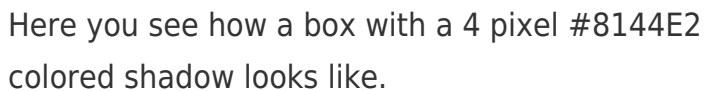
```
.border, #border, table{ border:4px solid
#8144E2 }
```

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

```
.border{ border-color:#8144E2 }
```

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

Here you see how a box with a 4 pixel #8144E2 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8144E2; -webkit-box-shadow:4px 4px  
4px 4px #8144E2; box-shadow:4px 4px 4px  
4px #8144E2 }
```

# Background

The CSS property to change the background color of an element to Decimal 8471778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8144E2 }
```

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

```
.background{ background-color:#8144E2 }
```

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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