

# Converting Colors

Decimal(8276727)

Have a look what the booklet for  
Decimal(8276727) contains.

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**Color**

**Decimal(8276727)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7E4AF7
RGB	126, 74, 247
RGB Percent	49%, 29%, 97%
CMY	0.5059, 0.7098, 0.0314
CMYK	0.49, 0.70, 0.00, 0.03
HSL	258°, 92%, 63%
HSV	258°, 70%, 97%
XYZ	27.8415, 16.0486, 89.6260
YIQ	109.2700, -24.5410, 64.8270

# Conversions

## Conversions Part 2

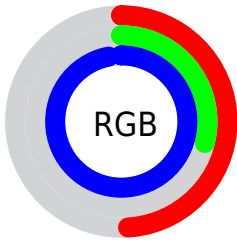
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	126, 74, 247
Decimal	8276727
CIE Lab	47.04, 60.35, -78.75
CIE LCh	47, 99.214, 307.463
Yxy	16.0486, 0.2085, 0.1202
Android (android.graphics.Color)	4286466807 (0xFF7E4AF7)
YUV	109.2700, 67.9009, 14.6722
Hunter-Lab	40.0607, 53.9482, -104.6044

# Details

The Decimal color **8276727** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle washed purple. A complement of this color would be **12842826**, and the grayscale version is **7171437**.

A 20% lighter version of the original color is **12287999**, and **3937213** is the 20% darker color. If you saturate the color by 10%, you get **7156215**, and if you desaturate by 10%, it is **9397239**.

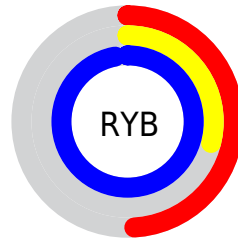
# Distribution



Red (49%)

Green (29%)

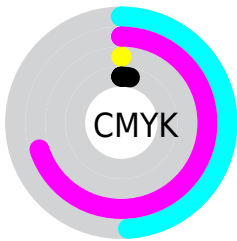
Blue (97%)



Red (49%)

Yellow (29%)

Blue (97%)

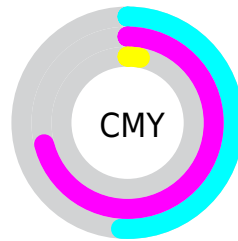


Cyan (49%)

Magenta (70%)

Yellow (0%)

Black (3%)



Cyan (51%)

Magenta (71%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8276727 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 8276727 by changing the saturation by 10% instead.



 8276727

 8276727

16777215

 6172890

 12287999

 3937213

 14326527

 65697

 16299519

 134

 16765695

 108

 16772863

 2130

 1594

 548

 11

■ 8276727

■ 8276727

■ 7156215

■ 9397239

■ 5970423

■ 10583031

■ 4849911

■ 11703543

■ 12824055

■ 13944311

■ 15130359

■ 16250871

■ 16777207

# Harmonies

## Analogous

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



30463



8276727



14483633

# Triad

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



8276727



12144896



36739

# Complementary

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



8276727



12842826

# 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.



35623



8276727



7762944

# Square

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



8276727



15204358



33792



36821

# Rectangle

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



8276727



16056443



33792



36454



# Sweetspot

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



8276727



14338559



4899831



6905984



0



8421504



# Same Dimension

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



8276727



6892031



13912823



7499386



3670202



1179707



# Inverse Universe

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



16206531



16722367



7206730



8023671



12189826

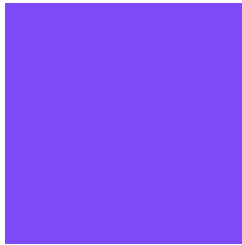


3866665



# Previews

## White Background



This preview shows how the Decimal color 8276727 looks on a white background.

## Color Contrast Check

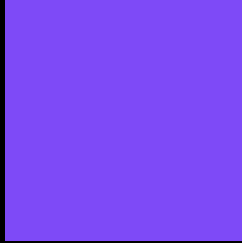
Large Text (above 18pt) WCAG AA ✓ Pass

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 8276727 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

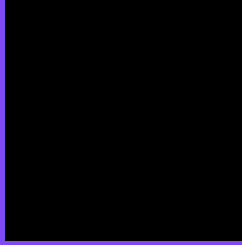
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Decimal 8276727 Background



This preview shows how black text looks on a background with the Decimal color 8276727.

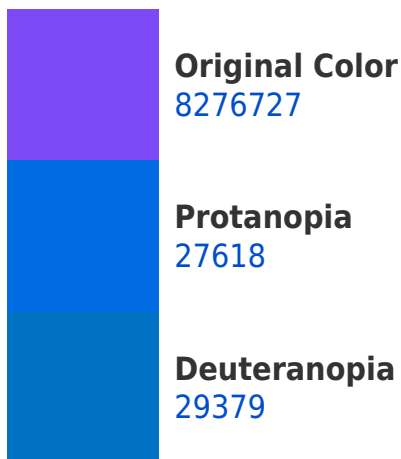



This preview shows how white text looks on a background with the Decimal color 8276727.

# 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**  
5993340

# Trichromacy



**Original Color**  
8276727



**Protanomaly**  
3039210



**Deuteranomaly**  
3040214



**Tritanomaly**  
6841513

# Monochromacy



**Original Color**  
8276727



**Achromatopsia**  
7171437



**Achromatomaly**  
7561375

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8276727 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 #7E4AF7 looks like.

```
.text, #text, p{  
    color:#7E4AF7  
}
```

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 #7E4AF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E4AF7
}
```

## Border

The CSS property to change the border of an element to Decimal 8276727 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
#7E4AF7 }
```

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

```
.border{ border-color:#7E4AF7 }
```

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

Here you see how a box with a 4 pixel #7E4AF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E4AF7; -webkit-box-shadow:4px 4px  
4px 4px #7E4AF7; box-shadow:4px 4px 4px  
4px #7E4AF7 }
```

# Background

The CSS property to change the background color of an element to Decimal 8276727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E4AF7 }
```

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

```
.background{ background-color:#7E4AF7 }
```

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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