

# Converting Colors

Decimal(8212471)

Have a look what the booklet for  
Decimal(8212471) contains.

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**Color**

**Decimal(8212471)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7D4FF7
RGB	125, 79, 247
RGB Percent	49%, 31%, 97%
CMY	0.5098, 0.6902, 0.0314
CMYK	0.49, 0.68, 0.00, 0.03
HSL	256°, 91%, 64%
HSV	256°, 68%, 97%
XYZ	28.0419, 16.6673, 89.7348
YIQ	111.9060, -26.5120, 62.0000

# Conversions

## Conversions Part 2

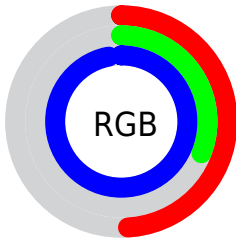
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	125, 79, 247
Decimal	8212471
CIE Lab	47.84, 57.69, -77.45
CIE LCh	48, 96.575, 306.684
Yxy	16.6673, 0.2086, 0.1240
Android (android.graphics.Color)	4286402551 (0xFF7D4FF7)
YUV	111.9060, 66.6013, 11.4834
Hunter-Lab	40.8257, 51.1615, -101.7415

# Details

The Decimal color **8212471** is a dark color, and the websafe version is hex **9966FF**. The color can be described as middle washed purple. A complement of this color would be **13236047**, and the grayscale version is **7303023**.

A 20% lighter version of the original color is **12223487**, and **3873725** is the 20% darker color. If you saturate the color by 10%, you get **7026423**, and if you desaturate by 10%, it is **9398519**.

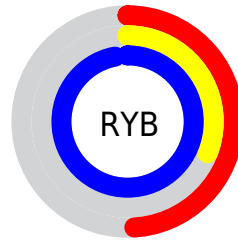
# Distribution



Red (49%)

Green (31%)

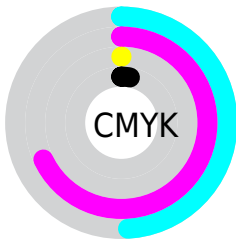
Blue (97%)



Red (49%)

Yellow (31%)

Blue (97%)

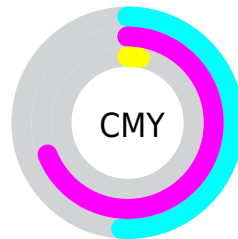


Cyan (49%)

Magenta (68%)

Yellow (0%)

Black (3%)



Cyan (51%)

Magenta (69%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8212471 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 8212471 by changing the saturation by 10% instead.



 8212471

 8212471

16777215

 6174170

 12223487

 3873725

 14196479

 161

 16235263


 134

 16766719

 108

 16774143

 1875

 1594

 548

 12

■ 8212471

■ 8212471

■ 7026423

■ 9398519

■ 5840631

■ 10584311

■ 4654583

■ 11770359

■ 4456695

■ 12956407

■ 14142455

■ 15328247

■ 16514295

■ 16777207

# Harmonies

## Analogous

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



30975



8212471



14352564

# Triad

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



8212471



12342016



36995

# Complementary

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



8212471



13236047

# 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.



36137



8212471



8090880

# Square

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



8212471



15269904



34304



37331

# Rectangle

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



8212471



15990910



34304



36966



# Sweetspot

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



8212471



14339327



5229303



6906240



0



8421504



# Same Dimension

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



8212471



6762239



13651959



7499386



3342522



1048635



# Inverse Universe

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



16207817



16723654



7796559



8023671



12189831

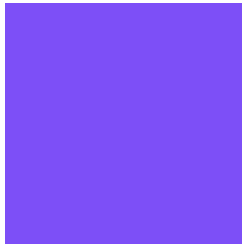


3866667



# Previews

## White Background



This preview shows how the Decimal color 8212471 looks on a white background.

## Color Contrast Check

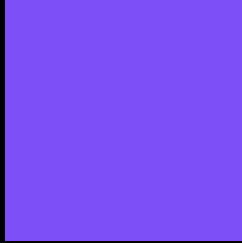
Large Text (above 18pt) WCAG AA ✓ Pass

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 8212471 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

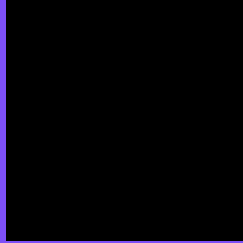
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 8212471 Background



This preview shows how black text looks on a background with the Decimal color 8212471.

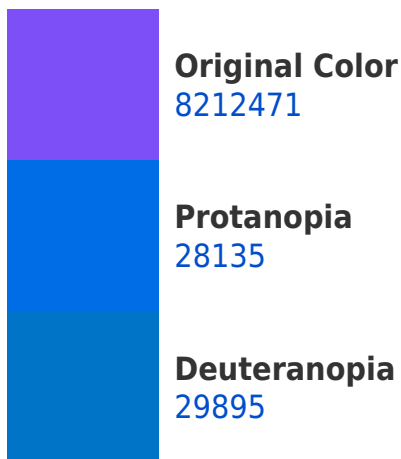



This preview shows how white text looks on a background with the Decimal color 8212471.

# 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**  
5928319

# Trichromacy



**Original Color**  
8212471



**Protanomaly**  
2974445



**Deuteranomaly**  
2975704



**Tritanomaly**  
6776747

# Monochromacy



**Original Color**  
8212471



**Achromatopsia**  
7368816



**Achromatomaly**  
7693473

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8212471 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 #7D4FF7 looks like.

```
.text, #text, p{  
    color:#7D4FF7  
}
```

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 #7D4FF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D4FF7
}
```

## Border

The CSS property to change the border of an element to Decimal 8212471 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
#7D4FF7 }
```

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

```
.border{ border-color:#7D4FF7 }
```

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

Here you see how a box with a 4 pixel #7D4FF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D4FF7; -webkit-box-shadow:4px 4px  
4px 4px #7D4FF7; box-shadow:4px 4px 4px  
4px #7D4FF7 }
```

# Background

The CSS property to change the background color of an element to Decimal 8212471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D4FF7 }
```

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

```
.background{ background-color:#7D4FF7 }
```

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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