

# Converting Colors

Decimal(7824639)

Have a look what the booklet for  
Decimal(7824639) contains.

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# Color

**Decimal(7824639)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7764FF
RGB	119, 100, 255
RGB Percent	47%, 39%, 100%
CMY	0.5333, 0.6078, 0.0000
CMYK	0.53, 0.61, 0.00, 0.00
HSL	247°, 100%, 70%
HSV	247°, 61%, 100%
XYZ	30.2149, 20.2563, 96.9251
YIQ	123.3510, -38.4310, 52.2330

# Conversions

## Conversions Part 2

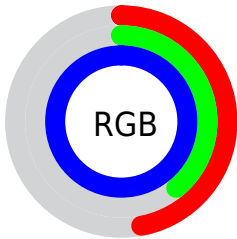
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	119, 100, 255
Decimal	7824639
CIE <sub>Lab</sub>	52.13, 47.60, -74.93
CIE <sub>LCh</sub>	52, 88.774, 302.423
Yxy	20.2563, 0.2050, 0.1374
Android (android.graphics.Color)	4286014719 (0xFF7764FF)
YUV	123.3510, 64.9030, -3.8158
Hunter-Lab	45.0070, 41.0717, -96.1795

# Details

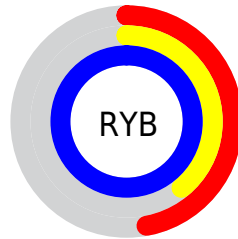
The Decimal color **7824639** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **15531876**, and the grayscale version is **8092539**.

A 20% lighter version of the original color is **11835647**, and **3290309** is the 20% darker color. If you saturate the color by 10%, you get **6376447**, and if you desaturate by 10%, it is **9272831**.

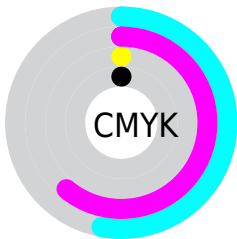
# Distribution



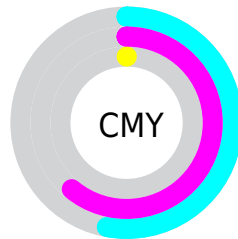
- Red (47%)
- Green (39%)
- Blue (100%)



- Red (47%)
- Yellow (39%)
- Blue (100%)



- Cyan (53%)
- Magenta (61%)
- Yellow (0%)
- Black (0%)



- Cyan (53%)
- Magenta (61%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7824639 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 7824639 by changing the saturation by 10% instead.



 7824639

 7824639

16777215

 5721058

 11835647

 3290309

 13874175

 7593

 15847423

 1678

 16772095

 115

 602

 1857

 810

 276

■ 7824639

■ 7824639

■ 6376447

■ 9272831

■ 4862463

■ 10786815

■ 3414271

■ 12235263

■ 2031871

■ 13683455

■ 15197183

■ 16645631

16777215

# Harmonies

## Analogous

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



34303



7824639



14166468

# Triad

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



7824639



13458176



39809

# Complementary

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



7824639



15531876

# 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.



38702



7824639



9600000

# Square

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



7824639



15932975



4165120



39885

# Rectangle

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



7824639



16056467



4165120



39526



# Sweetspot

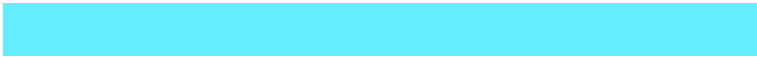
The Sweet Spot groups the original color and five complimentary colors.



7824639



14143999



6614527



6775680



0



8421504



# Same Dimension

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



7824639



6047231



12870911



7631744



1507519



524352



# Inverse Universe

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



16737516



16729576



10485604



8418174



12517544

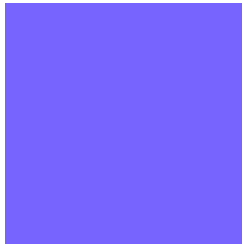


4194360



# Previews

## White Background



This preview shows how the Decimal color 7824639 looks on a white background.

## Color Contrast Check

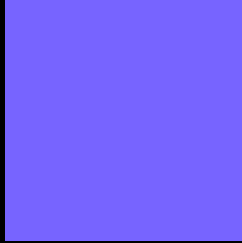
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Decimal color 7824639 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

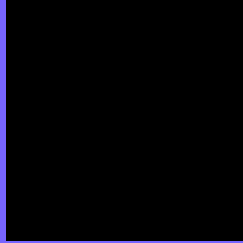
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 7824639 Background



This preview shows how black text looks on a background with the Decimal color 7824639.

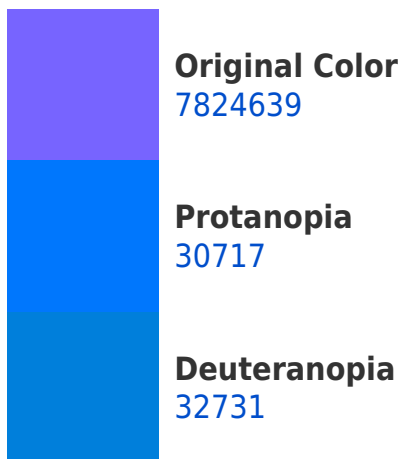


This preview shows how white text looks on a background with the Decimal color 7824639.

# 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**  
5342350

# Trichromacy



**Original Color**

7824639



**Protanomaly**

2846974



**Deuteranomaly**

2848232



**Tritanomaly**

6256823

# Monochromacy



**Original Color**

7824639



**Achromatopsia**

8092539



**Achromatomaly**

8025003

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7824639 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 #7764FF looks like.

```
.text, #text, p{  
  color:#7764FF  
}
```

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 #7764FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7764FF
}
```

## Border

The CSS property to change the border of an element to Decimal 7824639 is called "border". The border property can be set on classes, ids or directly on the HTML element.

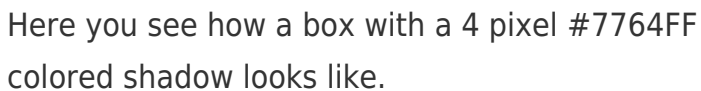
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7764FF }
```

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

```
.border{ border-color:#7764FF }
```

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



Here you see how a box with a 4 pixel #7764FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7764FF; -webkit-box-shadow:4px 4px  
4px 4px #7764FF; box-shadow:4px 4px 4px  
4px #7764FF }
```

# Background

The CSS property to change the background color of an element to Decimal 7824639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7764FF }
```

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

```
.background{ background-color:#7764FF }
```

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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