

# Converting Colors

Decimal(475127)

Have a look what the booklet for  
Decimal(475127) contains.

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# Color

**Decimal(475127)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	073FF7
RGB	7, 63, 247
RGB Percent	3%, 25%, 97%
CMY	0.9725, 0.7529, 0.0314
CMYK	0.97, 0.74, 0.00, 0.03
HSL	226°, 94%, 50%
HSV	226°, 97%, 97%
XYZ	18.6536, 10.3156, 89.0036
YIQ	67.2320, -92.4400, 45.3520

# Conversions

## Conversions Part 2

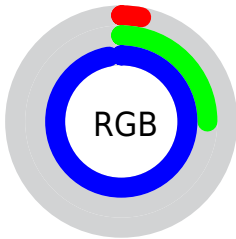
<b>Format</b>	<b>Color</b>
<b>RYB</b>	7, 52, 247
Decimal	475127
CIELab	38.40, 56.07, -93.20
CIElCh	38, 108.770, 301.031
Yxy	10.3156, 0.1581, 0.0874
Android (android.graphics.Color)	4278665207 (0xFF073FF7)
YUV	67.2320, 88.6256, -52.8235
Hunter-Lab	32.1179, 47.4641, -141.8193

# Details

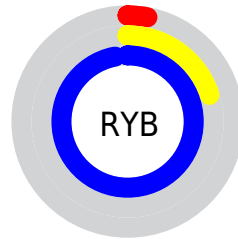
The Decimal color **475127** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark saturated blue. A complement of this color would be **16236295**, and the grayscale version is **4342338**.

A 20% lighter version of the original color is **7631103**, and **4797** is the 20% darker color. If you saturate the color by 10%, you get **15095**, and if you desaturate by 10%, it is **2118391**.

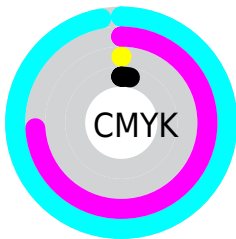
# Distribution



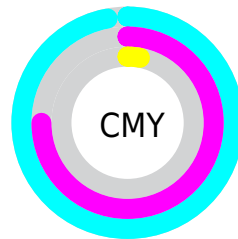
- Red (3%)
- Green (25%)
- Blue (97%)



- Red (3%)
- Yellow (20%)
- Blue (97%)



- Cyan (97%)
- Magenta (74%)
- Yellow (0%)
- Black (3%)





















- Cyan (97%)
- Magenta (75%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 475127 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 475127 by changing the saturation by 10% instead.



 475127	 475127
 16777215	 10458
 7631103	 4797
 9931519	 673
 12101119	 134
 14205183	 3691
 16375039	 2898
 16775679	 1338
	 547
	 10

■ 475127

■ 475127

■ 15095

■ 2118391

■ 3696119

■ 5339383

■ 6982647

■ 8625911

■ 10203639

■ 11846903

■ 13489911

■ 15067639

# Harmonies

## Analogous

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



27391



475127



12386482

# Triad

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



475127



11412992



30556

# Complementary

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



475127



16236295

# 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.



29696



475127



7100672

# Square

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



475127



14352388



27904



31157

# Rectangle

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



475127



14614649



27904



30268



# Sweetspot

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



475127



11912959



522175



5463424



0



8421504



# Same Dimension

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



475127



15615



4655095



7238010



11194



3643



# Inverse Universe

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



16189247



16711740



12056327



8023665



12189739



3866638



# Previews

## White Background



This preview shows how the Decimal color 475127 looks on a white background.

### Color Contrast Check

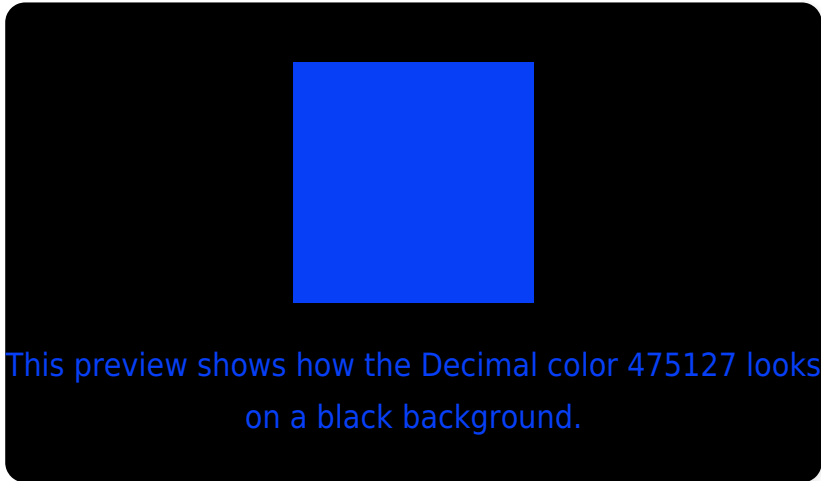
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

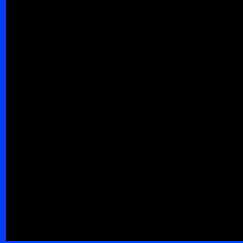
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 475127 Background



This preview shows how black text looks on a background with the Decimal color 475127.

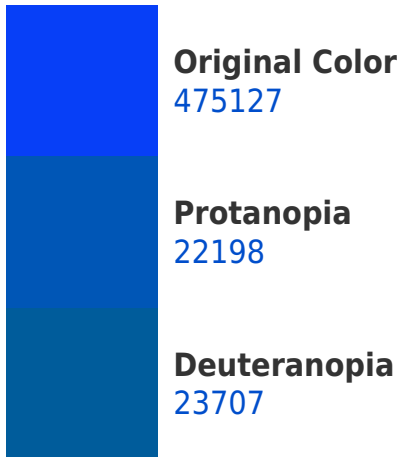


This preview shows how white text looks on a background with the Decimal color 475127.

# 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](#).

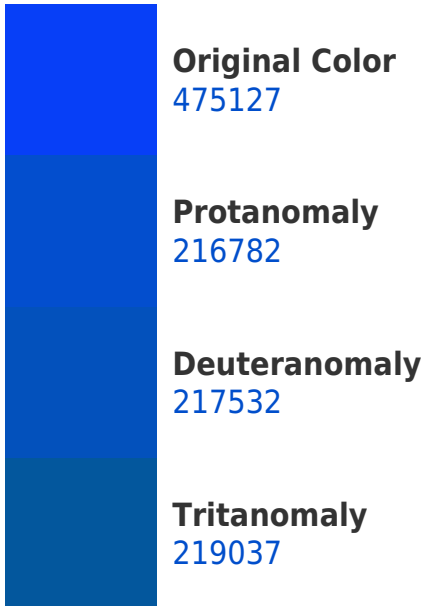
## Dichromacy





**Tritanopia**  
25705

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 475127 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 #073FF7 looks like.

```
.text, #text, p{  
  color:#073FF7  
}
```

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 #073FF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #073FF7
}
```

## Border

The CSS property to change the border of an element to Decimal 475127 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
#073FF7 }
```

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

```
.border{ border-color:#073FF7 }
```

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

Here you see how a box with a 4 pixel #073FF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #073FF7; -webkit-box-shadow:4px 4px  
4px 4px #073FF7; box-shadow:4px 4px 4px  
4px #073FF7 }
```

# Background

The CSS property to change the background color of an element to Decimal 475127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#073FF7 }
```

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

```
.background{ background-color:#073FF7 }
```

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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