

# Converting Colors

Decimal(10495979)

Have a look what the booklet for  
Decimal(10495979) contains.

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**Color**

**Decimal(10495979)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A027EB
RGB	160, 39, 235
RGB Percent	63%, 15%, 92%
CMY	0.3725, 0.8471, 0.0784
CMYK	0.32, 0.83, 0.00, 0.08
HSL	277°, 83%, 54%
HSV	277°, 83%, 92%
XYZ	30.2181, 14.9228, 79.8850
YIQ	97.5230, 9.2000, 86.6080

# Conversions

## Conversions Part 2

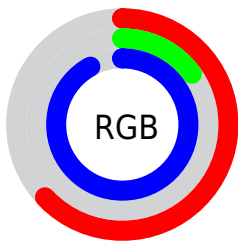
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	160, 39, 235
Decimal	10495979
CIE Lab	45.53, 76.05, -74.30
CIE LCh	46, 106.320, 315.666
Yxy	14.9228, 0.2417, 0.1194
Android (android.graphics.Color)	4288686059 (0xFFA027EB)
YUV	97.5230, 67.7762, 54.7923
Hunter-Lab	38.6300, 72.0281, -95.5678

# Details

The Decimal color **10495979** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle washed purple. A complement of this color would be **7531303**, and the grayscale version is **6381921**.

A 20% lighter version of the original color is **14444287**, and **6553778** is the 20% darker color. If you saturate the color by 10%, you get **9900267**, and if you desaturate by 10%, it is **11091947**.

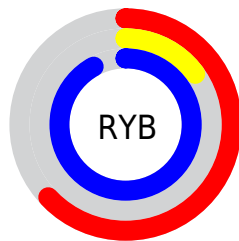
# Distribution



Red (63%)

Green (15%)

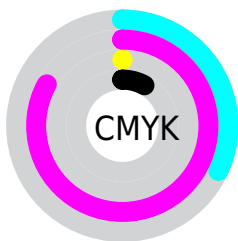
Blue (92%)



Red (63%)

Yellow (15%)

Blue (92%)

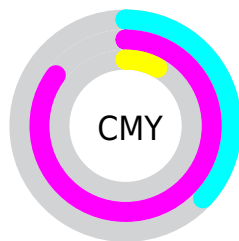


Cyan (32%)

Magenta (83%)

Yellow (0%)

Black (8%)



Cyan (37%)

Magenta (85%)



















Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10495979 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 10495979 by changing the saturation by 10% instead.



 10495979	 10495979
 16777215	 8519886
 14444287	 6553778
 16483071	 4522134
 16752639	 2162811
 16760063	 98
 16767487	 72
 16775167	 1073
	 283
	 0

■ 10495979

■ 10495979

■ 9900267

■ 11091947

■ 9502955

■ 11687659

■ 12283627

■ 12879339

■ 13475307

■ 14071019

■ 14666987

■ 15262699

■ 15858667

# Harmonies

## Analogous

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



27391



10495979



15532186

# Triad

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



10495979



10901504



35994

# Complementary

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



10495979



7531303

# 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.



35131



10495979



5797376

# Square

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



10495979



14548992



33792



36076

# Rectangle

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



10495979



16515168



33792



35707



# Sweetspot

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



10495979



15187967



2585323



7428480



0



8421504



# Same Dimension

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



10495979



10289407



15411156



7432821



7340213



2162742



# Inverse Universe

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



15411058



16711778



2616126



7694958



11862085

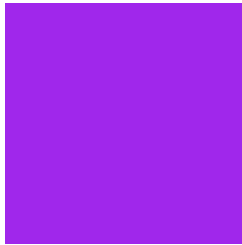


3538964



# Previews

## White Background



This preview shows how the Decimal color 10495979 looks on a white background.

## Color Contrast Check

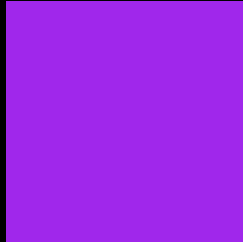
Large Text (above 18pt) WCAG AA ✓ Pass

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 10495979 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

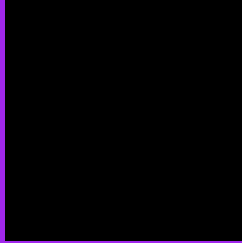
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 10495979 Background



This preview shows how black text looks on a background with the Decimal color 10495979.

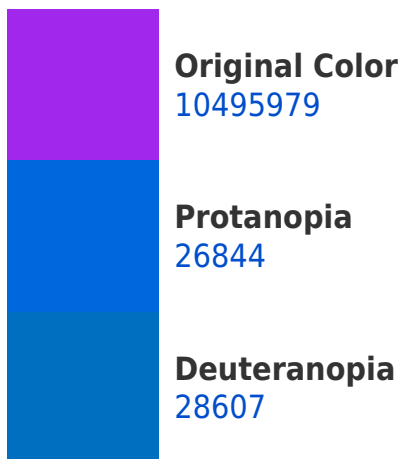



This preview shows how white text looks on a background with the Decimal color 10495979.

# 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](#).

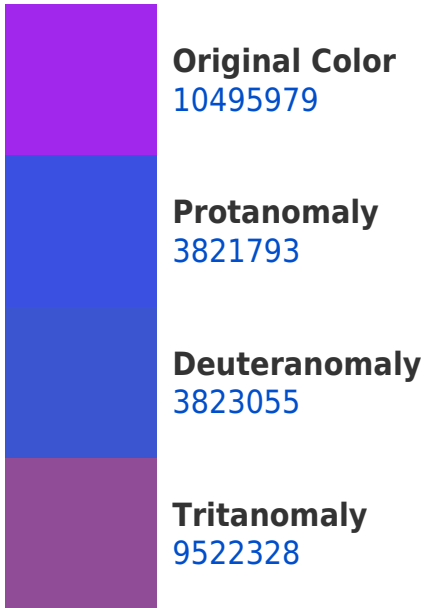
## Dichromacy



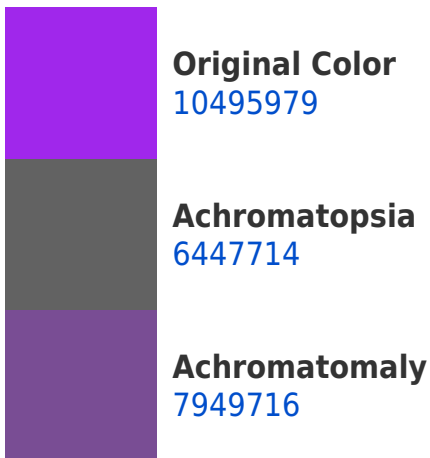


**Tritanopia**  
9003368

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10495979 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 #A027EB looks like.

```
.text, #text, p{  
    color:#A027EB  
}
```

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 #A027EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A027EB
}
```

## Border

The CSS property to change the border of an element to Decimal 10495979 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".

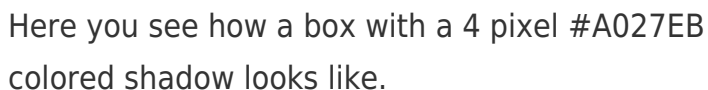
```
.border, #border, table{ border:4px solid
#A027EB }
```

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

```
.border{ border-color:#A027EB }
```

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

Here you see how a box with a 4 pixel #A027EB colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A027EB; -webkit-box-shadow:4px 4px  
4px 4px #A027EB; box-shadow:4px 4px 4px  
4px #A027EB }
```

# Background

The CSS property to change the background color of an element to Decimal 10495979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A027EB }
```

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

```
.background{ background-color:#A027EB }
```

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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