

# Converting Colors

Decimal(10822382)

Have a look what the booklet for  
Decimal(10822382) contains.

<b>Decimal(10822382)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Decimal(10822382)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A522EE
RGB	165, 34, 238
RGB Percent	65%, 13%, 93%
CMY	0.3529, 0.8667, 0.0667
CMYK	0.31, 0.86, 0.00, 0.07
HSL	279°, 86%, 53%
HSV	279°, 86%, 93%
XYZ	31.5217, 15.3164, 82.1839
YIQ	96.4250, 12.5920, 91.2160

# Conversions

## Conversions Part 2

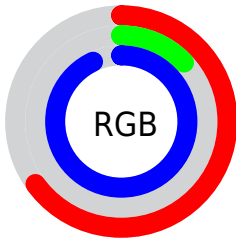
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	165, 34, 238
Decimal	10822382
CIE <sub>Lab</sub>	46.06, 78.57, -75.09
CIE <sub>LCh</sub>	46, 108.685, 316.299
Yxy	15.3164, 0.2443, 0.1187
Android (android.graphics.Color)	4289012462 (0xFFA522EE)
YUV	96.4250, 69.7965, 60.1403
Hunter-Lab	39.1362, 75.2818, -97.1104

# Details

The Decimal color **10822382** 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 **7073314**, and the grayscale version is **6316128**.

A 20% lighter version of the original color is **14836991**, and **6881461** is the 20% darker color. If you saturate the color by 10%, you get **10226414**, and if you desaturate by 10%, it is **11418350**.

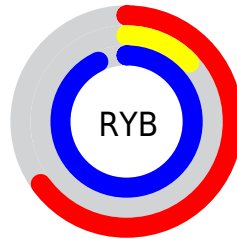
# Distribution



Red (65%)

Green (13%)

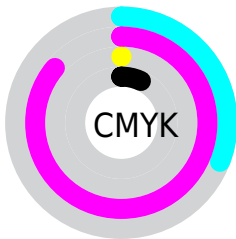
Blue (93%)



Red (65%)

Yellow (13%)

Blue (93%)

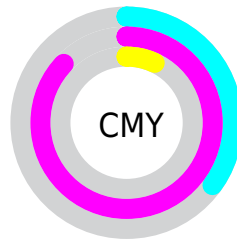


Cyan (31%)

Magenta (86%)

Yellow (0%)

Black (7%)



Cyan (35%)

Magenta (87%)



















Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10822382 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 10822382 by changing the saturation by 10% instead.



 10822382	 10822382
 16777215	 8847569
 14836991	 6881461
 16744959	 4849817
 16752383	 2556030
 16759807	 100
 16767231	 75
 16774911	 1075
	 541
	 0

 10822382

 10822382

 10226414

 11418350

 10027246

 11948782

 12544494

 13074926

 13670894

 14201326

 14797294

 15327470

 15923438

# Harmonies

## Analogous

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



27647



10822382



15859867

# Triad

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



10822382



10967552



36511

# Complementary

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



10822382



7073314

# 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.



35646



10822382



5666816

# Square

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



10822382



14745600



34304



36594

# Rectangle

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



10822382



16711775



34304



36223



# Sweetspot

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



10822382



15187455



2256366



7428224



0



8421504



# Same Dimension

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



10822382



10748159



15606483



7629944



7733432



2359352



# Inverse Universe

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



15606379



16711771



2289213



7892080



12058690

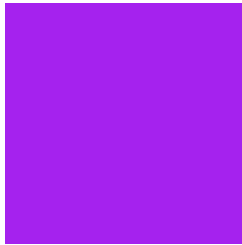


3670036



# Previews

## White Background



This preview shows how the Decimal color 10822382 looks on a white background.

## Color Contrast Check

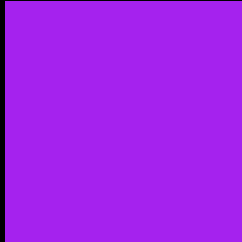
Large Text (above 18pt) WCAG AA ✓ Pass

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 10822382 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

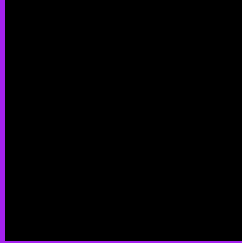
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Decimal 10822382 Background



This preview shows how black text looks on a background with the Decimal color 10822382.




This preview shows how white text looks on a background with the Decimal color 10822382.

# 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](#).

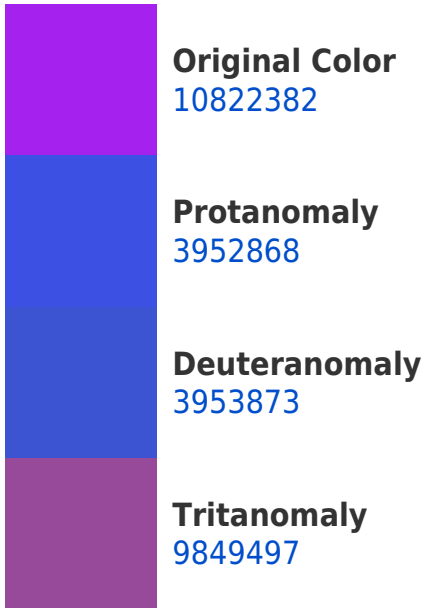
## Dichromacy



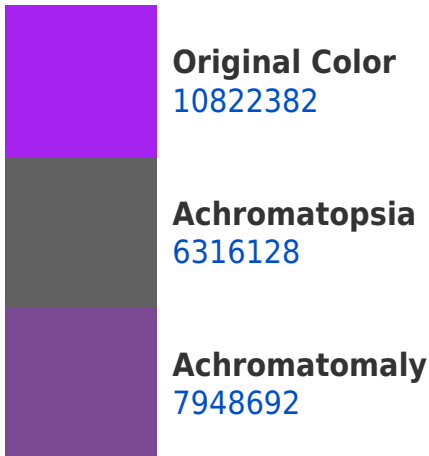


**Tritanopia**  
9331048

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10822382 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 #A522EE looks like.

```
.text, #text, p{  
    color:#A522EE  
}
```

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 #A522EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A522EE
}
```

## Border

The CSS property to change the border of an element to Decimal 10822382 is called "border". The border property can be set on classes, ids or directly on the HTML element.

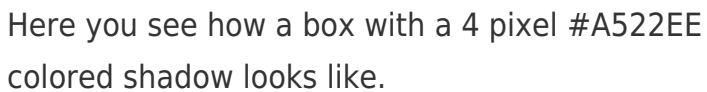
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A522EE }
```

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

```
.border{ border-color:#A522EE }
```

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



Here you see how a box with a 4 pixel `#A522EE` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A522EE; -webkit-box-shadow:4px 4px  
4px 4px #A522EE; box-shadow:4px 4px 4px  
4px #A522EE }
```

# Background

The CSS property to change the background color of an element to Decimal 10822382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A522EE }
```

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

```
.background{ background-color:#A522EE }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

**@ConvertingColor**