

# Converting Colors

Decimal(11013872)

Have a look what the booklet for  
Decimal(11013872) contains.

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**Color**

**Decimal(11013872)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A80EF0
RGB	168, 14, 240
RGB Percent	66%, 5%, 94%
CMY	0.3412, 0.9451, 0.0588
CMYK	0.30, 0.94, 0.00, 0.06
HSL	281°, 89%, 50%
HSV	281°, 94%, 94%
XYZ	32.0337, 14.9302, 83.6315
YIQ	85.8100, 19.2380, 102.9340

# Conversions

## Conversions Part 2

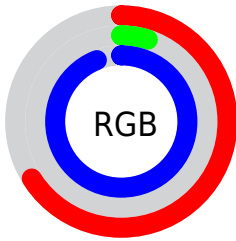
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	168, 14, 240
Decimal	11013872
CIE <sub>Lab</sub>	45.54, 82.71, -77.06
CIE <sub>LCh</sub>	46, 113.042, 317.024
Yxy	14.9302, 0.2453, 0.1143
Android (android.graphics.Color)	4289203952 (0xFFA80EF0)
YUV	85.8100, 76.0157, 72.0806
Hunter-Lab	38.6396, 80.3639, -101.2796

# Details

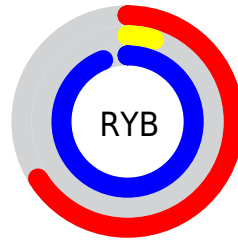
The Decimal color **11013872** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle saturated purple. A complement of this color would be **5697550**, and the grayscale version is **5592405**.

A 20% lighter version of the original color is **15031551**, and **7012535** is the 20% darker color. If you saturate the color by 10%, you get **10748144**, and if you desaturate by 10%, it is **11544304**.

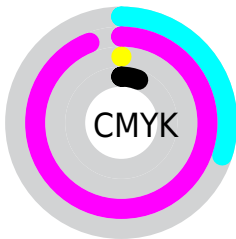
# Distribution



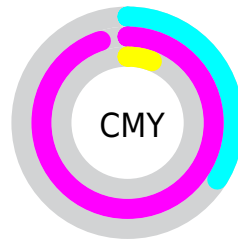
- Red (66%)
- Green (5%)
- Blue (94%)



- Red (66%)
- Yellow (5%)
- Blue (94%)



- Cyan (30%)
- Magenta (94%)
- Yellow (0%)
- Black (6%)





















- Cyan (34%)
- Magenta (95%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11013872 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 11013872 by changing the saturation by 10% instead.



 11013872	 11013872
 16777215	 9044179
 15031551	 7012535
 16743167	 4980891
 16750591	 2752640
 16758271	 102
 16765695	 76
 16773375	 1333
	 542
	 1

■ 11013872

■ 11013872

■ 10748144

■ 11544304

■ 12009200

■ 12539632

■ 13070064

■ 13534960

■ 14065392

■ 14595824

■ 15060720

■ 15591152

# Harmonies

## Analogous

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



27135



11013872



16122009

# Triad

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



11013872



10836224



36258

# Complementary

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



11013872



5697550

# 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.



35389



11013872



5208064

# Square

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



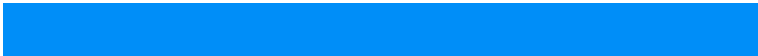
11013872



14811136



34048



36600

# Rectangle

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



11013872



16711771



34048



35969



# Sweetspot

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



11013872



15251711



940528



7492736



0



8421504



# Same Dimension

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



11013872



11403519



15732426



7629944



8192184



2490424



# Inverse Universe

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



15732310



16711761



978996



7892080



12058682

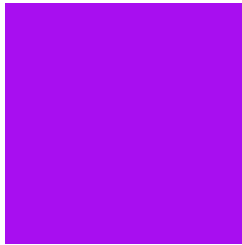


3670034



# Previews

## White Background



This preview shows how the Decimal color 11013872 looks on a white background.

## Color Contrast Check

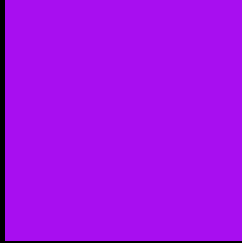
Large Text (above 18pt) WCAG AA ✓ Pass

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 11013872 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 11013872 Background



This preview shows how black text looks on a background with the Decimal color 11013872.




This preview shows how white text looks on a background with the Decimal color 11013872.

# 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**  
9461350

# Trichromacy



**Original Color**  
11013872



**Protanomaly**  
4016356



**Deuteranomaly**  
4017361



**Tritanomaly**  
10043800

# Monochromacy



**Original Color**  
11013872



**Achromatopsia**  
5658198



**Achromatomaly**  
7617678

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11013872 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 #A80EF0 looks like.

```
.text, #text, p{  
    color:#A80EF0  
}
```

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 #A80EF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A80EF0
}
```

## Border

The CSS property to change the border of an element to Decimal 11013872 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
#A80EF0 }
```

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

```
.border{ border-color:#A80EF0 }
```

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

Here you see how a box with a 4 pixel #A80EF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A80EF0; -webkit-box-shadow:4px 4px  
4px 4px #A80EF0; box-shadow:4px 4px 4px  
4px #A80EF0 }
```

# Background

The CSS property to change the background color of an element to Decimal 11013872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A80EF0 }
```

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

```
.background{ background-color:#A80EF0 }
```

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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