

Converting Colors

Hex(A872F3)

Have a look what the booklet for
Hex(A872F3) contains.

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Color

Hex(A872F3)

Conversions

Conversions Part 1

Format	Color
Hex	A872F3
RGB	168, 114, 243
RGB Percent	66%, 45%, 95%
CMY	0.3412, 0.5529, 0.0471
CMYK	0.31, 0.53, 0.00, 0.05
HSL	265°, 84%, 70%
HSV	265°, 53%, 95%
XYZ	38.3434, 26.8305, 87.9519
YIQ	144.8520, -9.2250, 51.5670

Conversions

Conversions Part 2

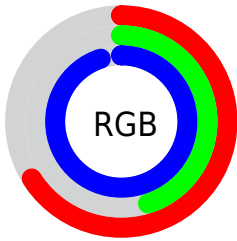
Format	Color
R _Y B	168, 114, 243
Decimal	11039475
CIE Lab	58.82, 46.96, -57.27
CIE LCh	59, 74.060, 309.353
Yxy	26.8305, 0.2504, 0.1752
Android (android.graphics.Color)	4289229555 (0xFFA872F3)
YUV	144.8520, 48.3870, 20.3008
Hunter-Lab	51.7982, 41.4872, -64.4141

Details

The Hex color **A872F3** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **BDF372**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **E2A7FF**, and **6F3FBA** is the 20% darker color. If you saturate the color by 10%, you get **9A5AF3**, and if you desaturate by 10%, it is **B68AF3**.

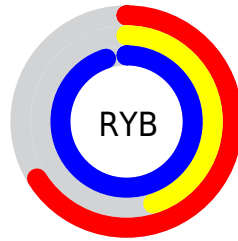
Distribution



Red (66%)

Green (45%)

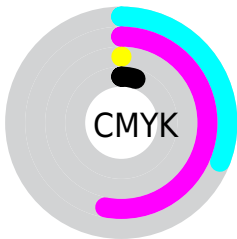
Blue (95%)



Red (66%)

Yellow (45%)

Blue (95%)

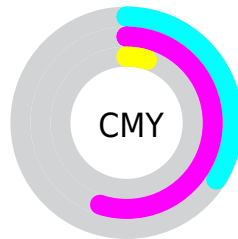


Cyan (31%)

Magenta (53%)

Yellow (0%)

Black (5%)



Cyan (34%)

Magenta (55%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color A872F3 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 Hex color A872F3 by changing the saturation by 10% instead.

 A872F3

 A872F3

FFFFFF

 8C58D6

 E2A7FF

 6F3FBA

 FFC3FF

 53279F

 FFDFFF

 360B84

 FFFCFF

 14006A

 000051

 000539

 000222

 000009

 A872F3

 A872F3

 9A5AF3

 B68AF3

 8C41F3

 C4A3F3

 7E29F3

 D2BBF3

 6F11F3

 E1D3F3

 6600F3

 EFEBF3

 FDFFF3

 FFFFF3

Harmonies

Analogous

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



008FFF



A872F3



E951BD

Triad

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



A872F3



CE7900



00ABA1

Complementary

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



A872F3



BDF372

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.



00A85D



A872F3



989100

Square

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



A872F3



F35A3E



4FA014



00A9DF

Rectangle

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



A872F3



FC4392



4FA014



00AA8A

Sweetspot

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



A872F3



E7D6FF



72BDF3



716780



000000



808080

Same Dimension

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



A872F3



A05CFF



E872F3



736E7A



4E00BA



19003B

Inverse Universe

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



F372BD



FF5CBB



7DF372



7A6E75



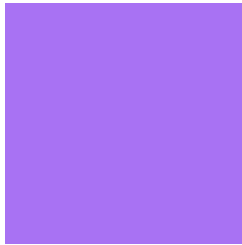
BA006C



3B0022

Previews

White Background



This preview shows how the Hex color A872F3 looks on a white background.

Color Contrast Check

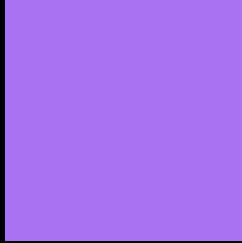
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color A872F3 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](#).

Hex A872F3 Background



This preview shows how black text looks on a background with the Hex color A872F3.

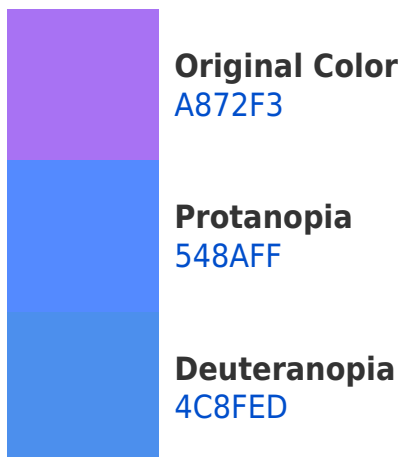



This preview shows how white text looks on a background with the Hex color A872F3.

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](#).

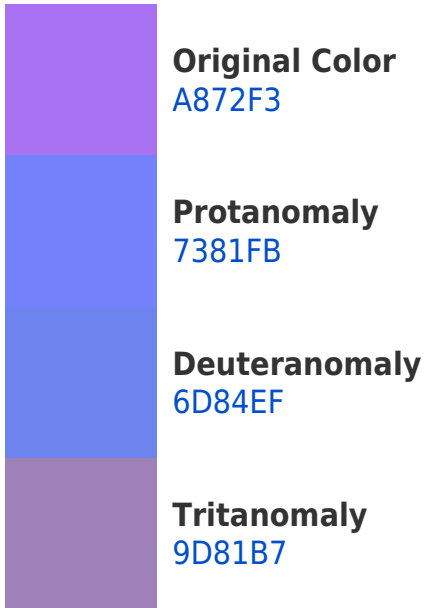
Dichromacy



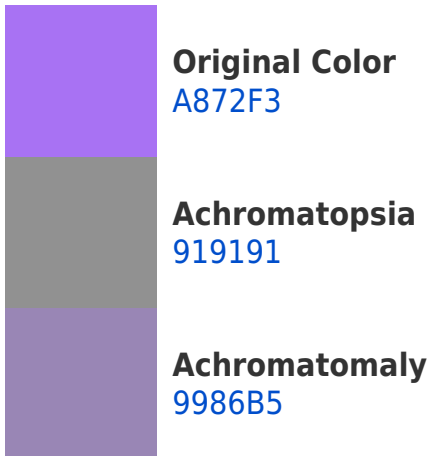


Tritanopia
968A95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A872F3 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 #A872F3 looks like.

```
.text, #text, p{  
    color:#A872F3  
}
```

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 #A872F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A872F3
}
```

Border

The CSS property to change the border of an element to Hex A872F3 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
#A872F3 }
```

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

```
.border{ border-color:#A872F3 }
```

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

Here you see how a box with a 4 pixel #A872F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A872F3; -webkit-box-shadow:4px 4px  
4px 4px #A872F3; box-shadow:4px 4px 4px  
4px #A872F3 }
```

Background

The CSS property to change the background color of an element to Hex A872F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A872F3 }
```

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

```
.background{ background-color:#A872F3 }
```

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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