

Converting Colors

Hex(9872E9)

Have a look what the booklet for
Hex(9872E9) contains.

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Color

Hex(9872E9)

Conversions

Conversions Part 1

Format	Color
Hex	9872E9
RGB	152, 114, 233
RGB Percent	60%, 45%, 91%
CMY	0.4039, 0.5529, 0.0863
CMYK	0.35, 0.51, 0.00, 0.09
HSL	259°, 73%, 68%
HSV	259°, 51%, 91%
XYZ	33.6742, 24.5932, 80.0629
YIQ	138.9280, -15.5510, 45.0650

Conversions

Conversions Part 2

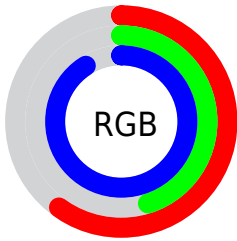
Format	Color
R_{YB}	152, 114, 233
Decimal	9990889
CIE _{Lab}	56.68, 40.54, -55.21
CIE _{LCh}	57, 68.496, 306.285
Yxy	24.5932, 0.2434, 0.1778
Android (android.graphics.Color)	4288180969 (0xFF9872E9)
YUV	138.9280, 46.3775, 11.4641
Hunter-Lab	49.5916, 34.4218, -61.0065

Details

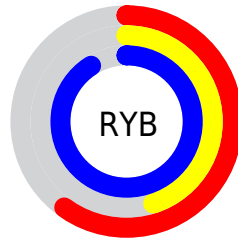
The Hex color **9872E9** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **C3E972**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **D1A7FF**, and **6041B1** is the 20% darker color. If you saturate the color by 10%, you get **885BE9**, and if you desaturate by 10%, it is **A889E9**.

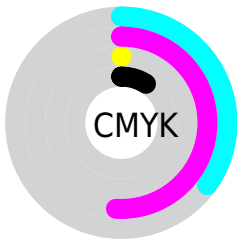
Distribution



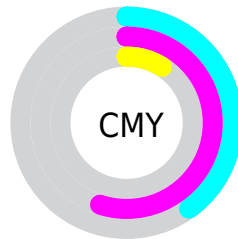
- Red (60%)
- Green (45%)
- Blue (91%)



- Red (60%)
- Yellow (45%)
- Blue (91%)



- Cyan (35%)
- Magenta (51%)
- Yellow (0%)
- Black (9%)



- Cyan (40%)
- Magenta (55%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9872E9 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 9872E9 by changing the saturation by 10% instead.

9872E9

9872E9

FFFFFF

7C59CC

D1A7FF

6041B1

EFC2FF

442995

FFDEFF

25117B

FFFBFF

000061

000049

000431

00011B

000000

9872E9

9872E9

885BE9

A889E9

7843E9

B8A1E9

682CE9

C8B8E9

5915E9

D7CFE9

4A00E9

E7E7E9

F7FEE9

FFFFE9

Harmonies

Analogous

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



008BFF



9872E9



D855B9

Triad

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



9872E9



C87306



00A393

Complementary

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



9872E9



C3E972

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.



00A055



9872E9



988900

Square

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



9872E9



E95744



589816



00A2CD

Rectangle

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



9872E9



ED4892



589816



00A27E

Sweetspot

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



9872E9



E5D9FF



72C3E9



706980



000000



808080

Same Dimension

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



9872E9



9563FF



D372E9



6D6A75



3A00B5



110036

Inverse Universe

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



E972C3



FF63CD



88E972



756A72



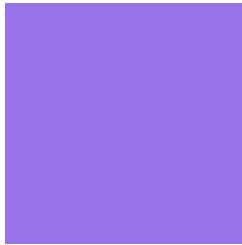
B5007B



360024

Previews

White Background



This preview shows how the Hex color 9872E9 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

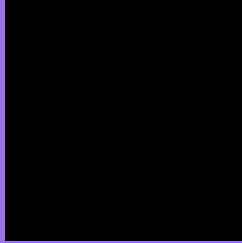
Any Text WCAG AA ✓ Pass

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 9872E9 Background



This preview shows how black text looks on a background with the Hex color 9872E9.

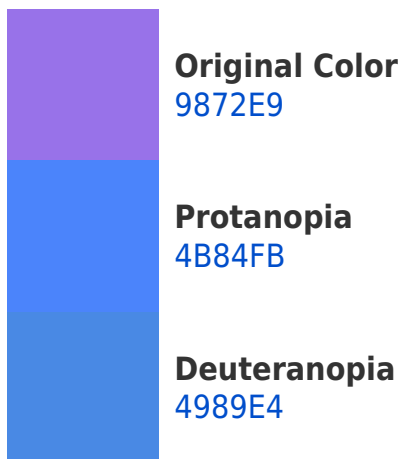


This preview shows how white text looks on a background with the Hex color 9872E9.

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](#).

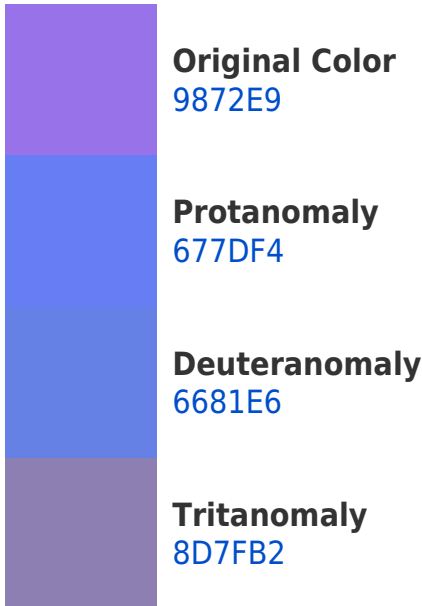
Dichromacy



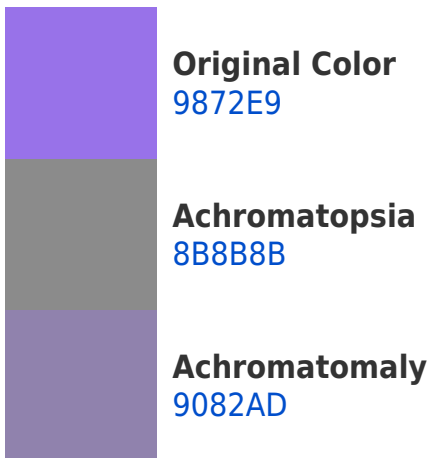


Tritanopia
868792

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9872E9 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 #9872E9 looks like.

```
.text, #text, p{  
    color:#9872E9  
}
```

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 #9872E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9872E9
}
```

Border

The CSS property to change the border of an element to Hex 9872E9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

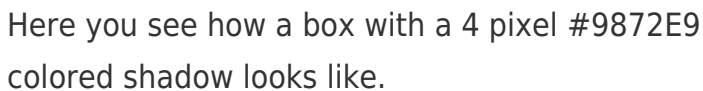
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9872E9 }
```

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

```
.border{ border-color:#9872E9 }
```

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



Here you see how a box with a 4 pixel #9872E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9872E9; -webkit-box-shadow:4px 4px  
4px 4px #9872E9; box-shadow:4px 4px 4px  
4px #9872E9 }
```

Background

The CSS property to change the background color of an element to Hex 9872E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9872E9 }
```

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

```
.background{ background-color:#9872E9 }
```

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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