

# Converting Colors

Hex(9568E9)

Have a look what the booklet for  
Hex(9568E9) contains.

<b>Hex(9568E9)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(9568E9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9568E9
RGB	149, 104, 233
RGB Percent	58%, 41%, 91%
CMY	0.4157, 0.5922, 0.0863
CMYK	0.36, 0.55, 0.00, 0.09
HSL	261°, 75%, 66%
HSV	261°, 55%, 91%
XYZ	32.0527, 22.1734, 79.6813
YIQ	132.1610, -14.5890, 49.6590

# Conversions

## Conversions Part 2

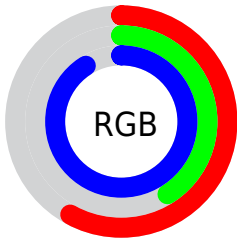
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	149, 104, 233
Decimal	9791721
CIE <sub>Lab</sub>	54.21, 45.39, -59.18
CIE <sub>LCh</sub>	54, 74.584, 307.491
Yxy	22.1734, 0.2394, 0.1656
Android (android.graphics.Color)	4287981801 (0xFF9568E9)
YUV	132.1610, 49.7136, 14.7678
Hunter-Lab	47.0886, 39.0980, -67.3659

# Details

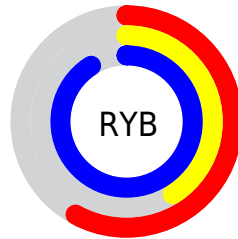
The Hex color **9568E9** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **BCE968**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **CF9DFF**, and **5C36B0** is the 20% darker color. If you saturate the color by 10%, you get **8651E9**, and if you desaturate by 10%, it is **A47FE9**.

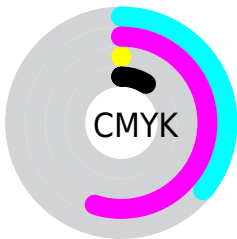
# Distribution



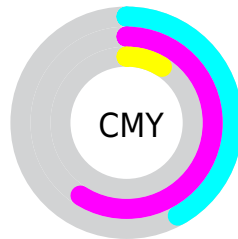
- Red (58%)
- Green (41%)
- Blue (91%)



- Red (58%)
- Yellow (41%)
- Blue (91%)



- Cyan (36%)
- Magenta (55%)
- Yellow (0%)
- Black (9%)



- Cyan (42%)
- Magenta (59%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9568E9 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 9568E9 by changing the saturation by 10% instead.



 9568E9

 9568E9

FFFFFF

 794FCC

 CF9DFF

 5C36B0

 ECB8FF

 3F1E95

 FFD4FF

 1E037B

 FFF1FF

 000061

 000048

 000431

 00011B

 000000

9568E9

9568E9

8651E9

A47FE9

7739E9

B397E9

6722E9

C3AEE9

580BE9

D2C5E9

5100E9

E1DDE9

F0F4E9

FFFFE9

# Harmonies

## Analogous

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



0085FF



9568E9



D944B4

# Triad

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



9568E9



C36C00



009E91

# Complementary

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



9568E9



BCE968

# 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.



009B4D



9568E9



8E8400

# Square

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



9568E9



E74B36



479300



009DCF

# Rectangle

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



9568E9



ED328A



479300



009D7A



# Sweetspot

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



9568E9



E3D4FF



68BEE9



6F6680



000000



808080



# Same Dimension

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



9568E9



9157FF



D468E9



6E6A75



3F00B5



130036



# Inverse Universe

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



E968BC



FF57C4



7DE968



756A71



B50076

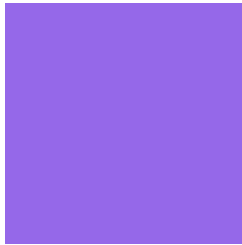


360023



# Previews

## White Background



This preview shows how the Hex color 9568E9 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

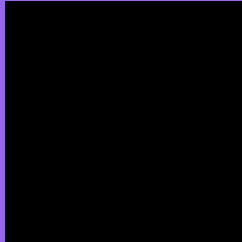
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9568E9 Background



This preview shows how black text looks on a background with the Hex color 9568E9.



This preview shows how white text looks on a background with the Hex color 9568E9.

# 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](#).

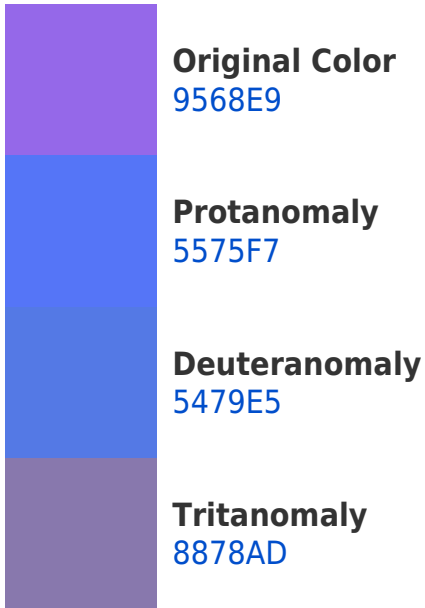
## Dichromacy



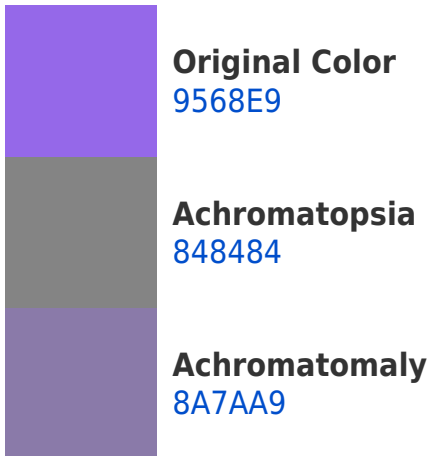


**Tritanopia**  
81818B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9568E9 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 #9568E9 looks like.

```
.text, #text, p{  
    color:#9568E9  
}
```

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 #9568E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9568E9
}
```

## Border

The CSS property to change the border of an element to Hex 9568E9 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
#9568E9 }
```

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

```
.border{ border-color:#9568E9 }
```

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

Here you see how a box with a 4 pixel #9568E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9568E9; -webkit-box-shadow:4px 4px  
4px 4px #9568E9; box-shadow:4px 4px 4px  
4px #9568E9 }
```

# Background

The CSS property to change the background color of an element to Hex 9568E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9568E9 }
```

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

```
.background{ background-color:#9568E9 }
```

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