

Converting Colors

Hex(999EE9)

Have a look what the booklet for
Hex(999EE9) contains.

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Color

Hex(999EE9)

Conversions

Conversions Part 1

Format	Color
Hex	999EE9
RGB	153, 158, 233
RGB Percent	60%, 62%, 91%
CMY	0.4000, 0.3804, 0.0863
CMYK	0.34, 0.32, 0.00, 0.09
HSL	236°, 65%, 76%
HSV	236°, 34%, 91%
XYZ	40.0717, 37.1092, 82.1416
YIQ	165.0550, -27.0550, 22.2650

Conversions

Conversions Part 2

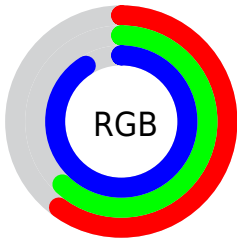
Format	Color
R _Y B	153, 158, 233
Decimal	10067689
CIE _{Lab}	67.36, 15.61, -38.34
CIE _{LCh}	67, 41.401, 292.154
Y _{xy}	37.1092, 0.2515, 0.2329
Android (android.graphics.Color)	4288257769 (0xFF999EE9)
YUV	165.0550, 33.4969, -10.5722
Hunter-Lab	60.9173, 10.8128, -37.3051

Details

The Hex color **999EE9** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E9E499**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **D1D5FF**, and **636BB1** is the 20% darker color. If you saturate the color by 10%, you get **8288E9**, and if you desaturate by 10%, it is **B0B4E9**.

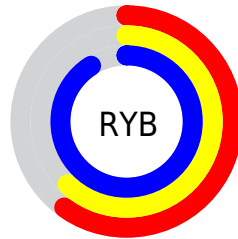
Distribution



Red (60%)

Green (62%)

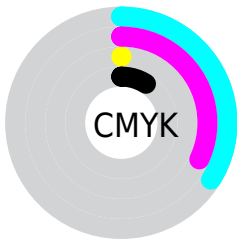
Blue (91%)



Red (60%)

Yellow (62%)

Blue (91%)

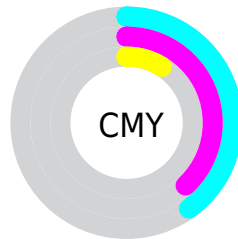


Cyan (34%)

Magenta (32%)

Yellow (0%)

Black (9%)



Cyan (40%)

Magenta (38%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 999EE9 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 999EE9 by changing the saturation by 10% instead.

■ 999EE9

■ 999EE9

FFFFFF

■ 7E84CD

■ D1D5FF

■ 636BB1

■ EEF1FF

■ 485396

■ 2D3C7C

■ 0B2663

■ 00134A

■ 000133

■ 00021D

■ 000000

■ 999EE9

■ 999EE9

■ 8288E9

■ B0B4E9

■ 6A72E9

■ C8CAE9

■ 535CE9

■ DFE0E9

■ 3C47E9

■ F6F5E9

■ 2531E9

■ FFFFE9

■ 0D1BE9

■ 000FE9

Harmonies

Analogous

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



55ABED



999EE9



C990D2

Triad

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



999EE9



DF916A



3CB799

Complementary

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



999EE9



E9E499

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.



74B375



999EE9



C49E59

Square

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



999EE9



EC888A



A0AA5D



00B7BF

Rectangle

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



999EE9



DE89BC



A0AA5D



52B68C

Sweetspot

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



999EE9



E6E7FF



99E9E4



707180



000000



808080

Same Dimension

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



999EE9



969DFF



BC99E9



6A6A75



000BB5



000336

Inverse Universe

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



E9999E



FF969D



C6E999



756A6A



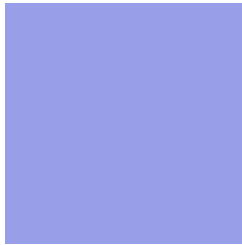
B5000B



360003

Previews

White Background



This preview shows how the Hex color 999EE9 looks on a white background.

Color Contrast Check

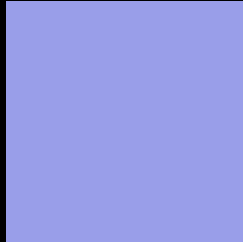
Large Text (above 18pt) WCAG AA × Fail

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 999EE9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

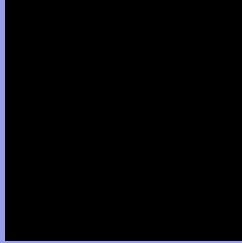
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 999EE9 Background



This preview shows how black text looks on a background with the Hex color 999EE9.

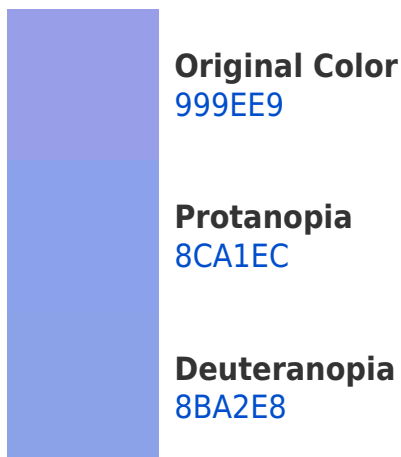


This preview shows how white text looks on a background with the Hex color 999EE9.

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](#).

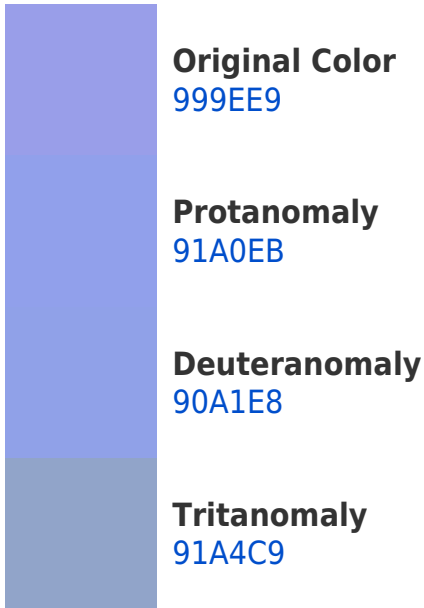
Dichromacy



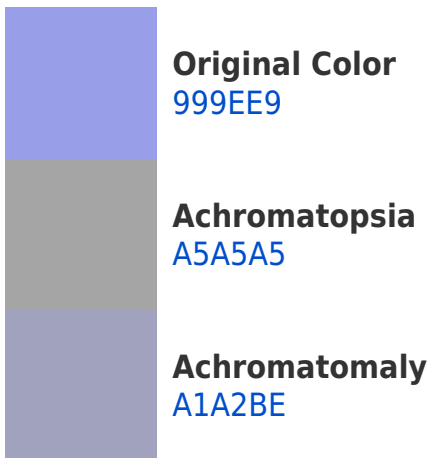


Tritanopia
8DA8B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 999EE9 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 #999EE9 looks like.

```
.text, #text, p{  
    color:#999EE9  
}
```

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 #999EE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #999EE9
}
```

Border

The CSS property to change the border of an element to Hex 999EE9 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
#999EE9 }
```

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

```
.border{ border-color:#999EE9 }
```

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

Here you see how a box with a 4 pixel #999EE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #999EE9; -webkit-box-shadow:4px 4px  
4px 4px #999EE9; box-shadow:4px 4px 4px  
4px #999EE9 }
```

Background

The CSS property to change the background color of an element to Hex 999EE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#999EE9 }
```

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

```
.background{ background-color:#999EE9 }
```

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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