

Converting Colors

Hex(9690E9)

Have a look what the booklet for
Hex(9690E9) contains.

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Color

Hex(9690E9)

Conversions

Conversions Part 1

Format	Color
Hex	9690E9
RGB	150, 144, 233
RGB Percent	59%, 56%, 91%
CMY	0.4118, 0.4353, 0.0863
CMYK	0.36, 0.38, 0.00, 0.09
HSL	244°, 67%, 74%
HSV	244°, 38%, 91%
XYZ	37.2589, 32.3137, 81.3642
YIQ	155.9400, -24.9930, 28.9510

Conversions

Conversions Part 2

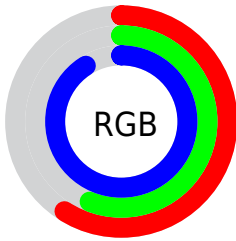
Format	Color
RYB	150, 144, 233
Decimal	9867497
CIELab	63.60, 22.82, -44.25
CIELCh	64, 49.786, 297.285
Yxy	32.3137, 0.2469, 0.2141
Android (android.graphics.Color)	4288057577 (0xFF9690E9)
YUV	155.9400, 37.9906, -5.2094
Hunter-Lab	56.8452, 17.5180, -45.0719

Details

The Hex color **9690E9** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **E3E990**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **CFC6FF**, and **5F5EB1** is the 20% darker color. If you saturate the color by 10%, you get **8079E9**, and if you desaturate by 10%, it is **ACA7E9**.

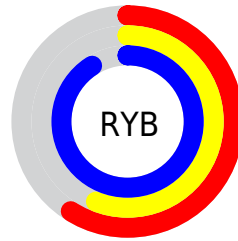
Distribution



Red (59%)

Green (56%)

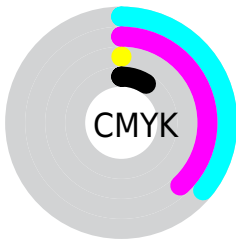
Blue (91%)



Red (59%)

Yellow (56%)

Blue (91%)

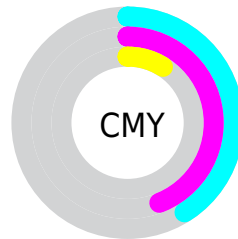


Cyan (36%)

Magenta (38%)

Yellow (0%)

Black (9%)



Cyan (41%)

Magenta (44%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9690E9 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 9690E9 by changing the saturation by 10% instead.

■ 9690E9

FFFFFF

■ CFC6FF

■ ECE2FF

FFFEFF

■ 9690E9

■ 7A76CD

■ 5F5EB1

■ 444696

■ 27307C

■ 001B62

■ 00034A

■ 000432

■ 00021C

■ 000000

9690E9

9690E9

8079E9

ACA7E9

6B61E9

C1BFE9

554AE9

D7D6E9

3F33E9

EDEDE9

291BE9

FFFFE9

1404E9

1000E9

Harmonies

Analogous

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



34A0F2



9690E9



CD7FCB

Triad

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



9690E9



D98650



00B094

Complementary

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



9690E9



E3E990

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.



53AC68



9690E9



B7963E

Square

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



9690E9



EB7874



8BA347



00B0C1

Rectangle

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



9690E9



E276AF



8BA347



00AF85

Sweetspot

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



9690E9



E5E3FF



90E3E9



706F80



000000



808080

Same Dimension

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



9690E9



928AFF



C290E9



6A6A75



0C00B5



040036

Inverse Universe

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



E990E3



FF8AF7



B7E990



756A75



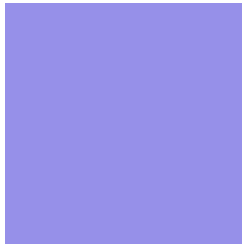
B500A9



360032

Previews

White Background



This preview shows how the Hex color 9690E9 looks on a white background.

Color Contrast Check

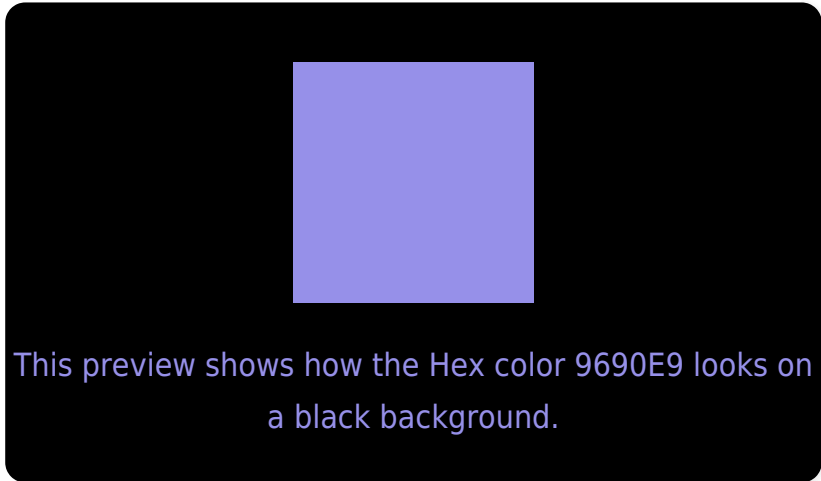
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

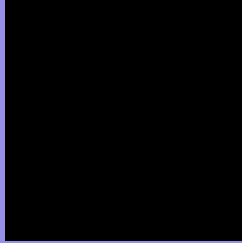
Any Text WCAG AA ✓ Pass

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 9690E9 Background



This preview shows how black text looks on a background with the Hex color 9690E9.

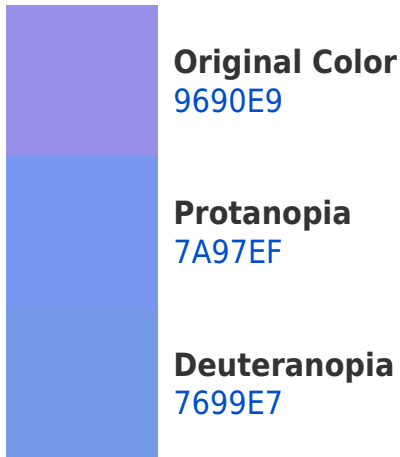


This preview shows how white text looks on a background with the Hex color 9690E9.

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](#).

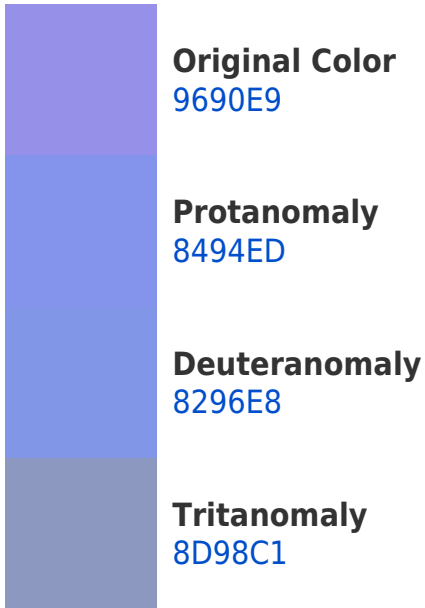
Dichromacy



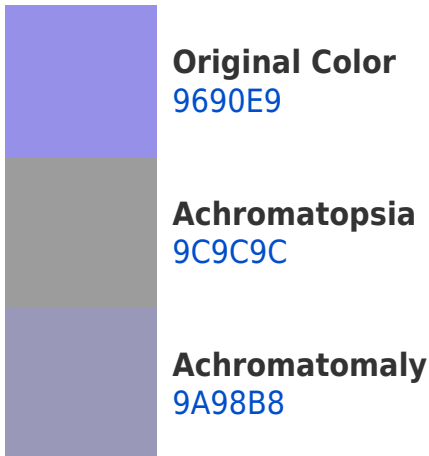


Tritanopia
889DAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9690E9 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 #9690E9 looks like.

```
.text, #text, p{  
    color:#9690E9  
}
```

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 #9690E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9690E9
}
```

Border

The CSS property to change the border of an element to Hex 9690E9 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
#9690E9 }
```

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

```
.border{ border-color:#9690E9 }
```

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

Here you see how a box with a 4 pixel #9690E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9690E9; -webkit-box-shadow:4px 4px  
4px 4px #9690E9; box-shadow:4px 4px 4px  
4px #9690E9 }
```

Background

The CSS property to change the background color of an element to Hex 9690E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9690E9 }
```

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

```
.background{ background-color:#9690E9 }
```

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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