

Converting Colors

Hex(9690E8)

Have a look what the booklet for
Hex(9690E8) contains.

Hex(9690E8)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9690E8)

Conversions

Conversions Part 1

Format	Color
Hex	9690E8
RGB	150, 144, 232
RGB Percent	59%, 56%, 91%
CMY	0.4118, 0.4353, 0.0902
CMYK	0.35, 0.38, 0.00, 0.09
HSL	244°, 66%, 74%
HSV	244°, 38%, 91%
XYZ	37.1164, 32.2567, 80.6139
YIQ	155.8260, -24.6720, 28.6400

Conversions

Conversions Part 2

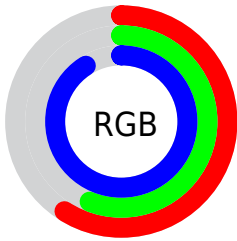
Format	Color
RYB	150, 144, 232
Decimal	9867496
CIELab	63.55, 22.56, -43.77
CIELCh	64, 49.239, 297.266
Yxy	32.2567, 0.2475, 0.2151
Android (android.graphics.Color)	4288057576 (0xFF9690E8)
YUV	155.8260, 37.5538, -5.1094
Hunter-Lab	56.7950, 17.2612, -44.3987

Details

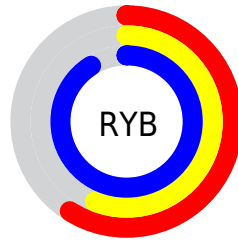
The Hex color **9690E8** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **E2E890**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **CEC6FF**, and **5F5EB0** is the 20% darker color. If you saturate the color by 10%, you get **8079E8**, and if you desaturate by 10%, it is **ACA7E8**.

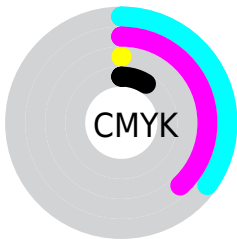
Distribution



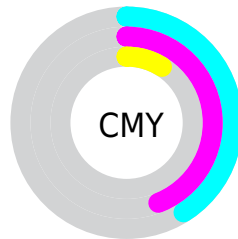
- Red (59%)
- Green (56%)
- Blue (91%)



- Red (59%)
- Yellow (56%)
- Blue (91%)



- Cyan (35%)
- Magenta (38%)
- Yellow (0%)
- Black (9%)



- Cyan (41%)
- Magenta (44%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9690E8 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 9690E8 by changing the saturation by 10% instead.

■ 9690E8

■ 9690E8

FFFFFF

■ 7B76CC

■ CEC6FF

■ 5F5EB0

■ ECE2FF

■ 444695

FFFEFF

■ 28307B

■ 001B61

■ 000349

■ 000432

■ 00011C

■ 000000

 9690E8

 9690E8

 8079E8

 ACA7E8

 6B62E8

 C1BEE8

 554AE8

 D7D6E8

 4033E8

 ECEDE8

 2A1CE8

 FFFFE8

 1405E8

 1000E8

Harmonies

Analogous

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



37A0F1



9690E8



CC7FCA

Triad

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



9690E8



D88651



00B094

Complementary

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



9690E8



E2E890

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.



54AC69



9690E8



B7963F

Square

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



9690E8



EA7874



8BA348



00AFC1

Rectangle

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



9690E8



E177AF



8BA348



00AF85

Sweetspot

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



9690E8



E5E3FF



90E2E8



706F80



000000



808080

Same Dimension

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



9690E8



928AFF



C290E8



686773



0C00B3



030033

Inverse Universe

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



E890E2



FF8AF7



B6E890



736772



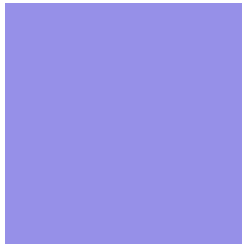
B300A6



330030

Previews

White Background



This preview shows how the Hex color 9690E8 looks on a white background.

Color Contrast Check

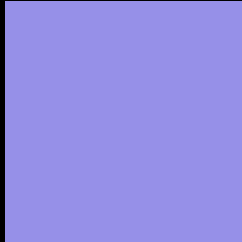
Large Text (above 18pt) WCAG AA × Fail

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 9690E8 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 9690E8 Background



This preview shows how black text looks on a background with the Hex color 9690E8.



This preview shows how white text looks on a background with the Hex color 9690E8.

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](#).

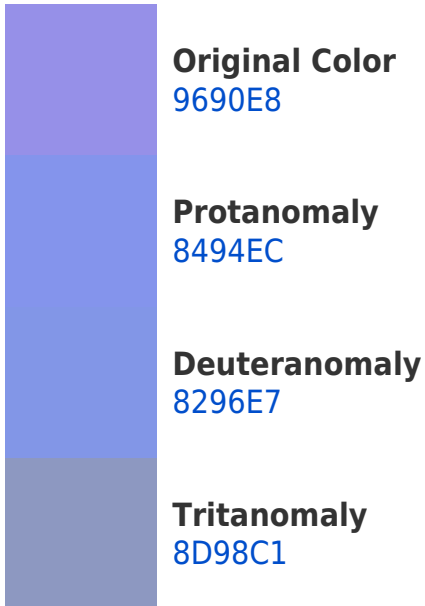
Dichromacy



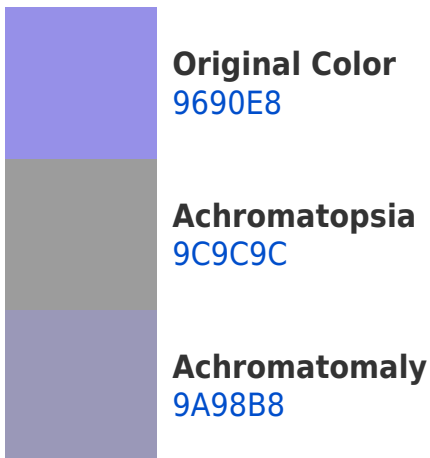


Tritanopia
889DAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9690E8 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 #9690E8 looks like.

```
.text, #text, p{  
    color:#9690E8  
}
```

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 #9690E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9690E8
}
```

Border

The CSS property to change the border of an element to Hex 9690E8 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
#9690E8 }
```

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

```
.border{ border-color:#9690E8 }
```

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

Here you see how a box with a 4 pixel #9690E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9690E8; -webkit-box-shadow:4px 4px  
4px 4px #9690E8; box-shadow:4px 4px 4px  
4px #9690E8 }
```

Background

The CSS property to change the background color of an element to Hex 9690E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9690E8 }
```

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

```
.background{ background-color:#9690E8 }
```

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