

Converting Colors

Hex(9948E0)

Have a look what the booklet for
Hex(9948E0) contains.

| | |
|--|----|
| Hex(9948E0) | 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> | 28 |

Color

Hex(9948E0)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 9948E0 |
| RGB | 153, 72, 224 |
| RGB Percent | 60%, 28%, 88% |
| CMY | 0.4000, 0.7176, 0.1216 |
| CMYK | 0.32, 0.68, 0.00, 0.12 |
| HSL | 272°, 71%, 58% |
| HSV | 272°, 68%, 88% |
| XYZ | 28.9088, 16.7889, 72.2379 |
| YIQ | 113.5470, -0.5160, 64.4440 |

Conversions

Conversions Part 2

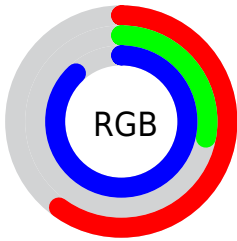
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 153, 72, 224 |
| Decimal | 10045664 |
| CIE Lab | 47.99, 60.42, -64.10 |
| CIE LCh | 48, 88.090, 313.308 |
| Yxy | 16.7889, 0.2451, 0.1424 |
| Android (android.graphics.Color) | 4288235744 (0xFF9948E0) |
| YUV | 113.5470, 54.4533, 34.6003 |
| Hunter-Lab | 40.9742, 54.2333, -75.8469 |

Details

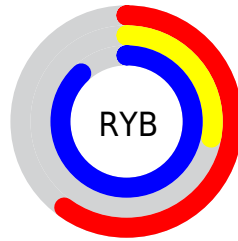
The Hex color **9948E0** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **8FE048**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **D47EFF**, and **5F09A8** is the 20% darker color. If you saturate the color by 10%, you get **8F32E0**, and if you desaturate by 10%, it is **A35EE0**.

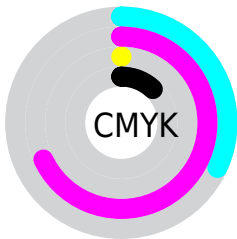
Distribution



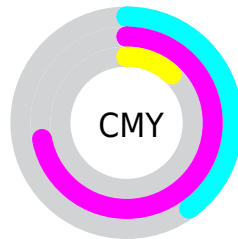
- Red (60%)
- Green (28%)
- Blue (88%)



- Red (60%)
- Yellow (28%)
- Blue (88%)



- Cyan (32%)
- Magenta (68%)
- Yellow (0%)
- Black (12%)



- Cyan (40%)
- Magenta (72%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9948E0 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 9948E0 by changing the saturation by 10% instead.

 9948E0

 9948E0

FFFFFF

 7C2CC4

 D47EFF

 5F09A8

 F199FF

 42008D

 FFB5FF

 210072

 FFD2FF

 000059

 FFEFFF

 000040

 000329

 000113

 000000

9948E0

9948E0

8F32E0

A35EE0

841BE0

AE75E0

7A05E0

B88BE0

7700E0

C3A2E0

CDB8E0

D8CEE0

E2E5E0

EDFBEO

F7FFE0

Harmonies

Analogous

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



0071FF



9948E0



DD009F

Triad

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



9948E0



AC5F00



009092

Complementary

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



9948E0



8FE048

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.



008D44



9948E0



6D7900

Square

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



9948E0



DA2D01



008700



008FD8

Rectangle

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



9948E0



ED006D



008700



008F79

Sweetspot

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



9948E0



E7CCFF



4891E0



716180



000000



808080

Same Dimension

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



9948E0



9F30FF



E048DD



6B6570



5E00B0



1A0030

Inverse Universe

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



E0488F



FF3091



48E04B



70656A



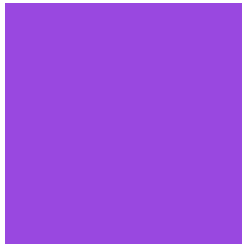
B00052



300017

Previews

White Background



This preview shows how the Hex color 9948E0 looks on a white background.

Color Contrast Check

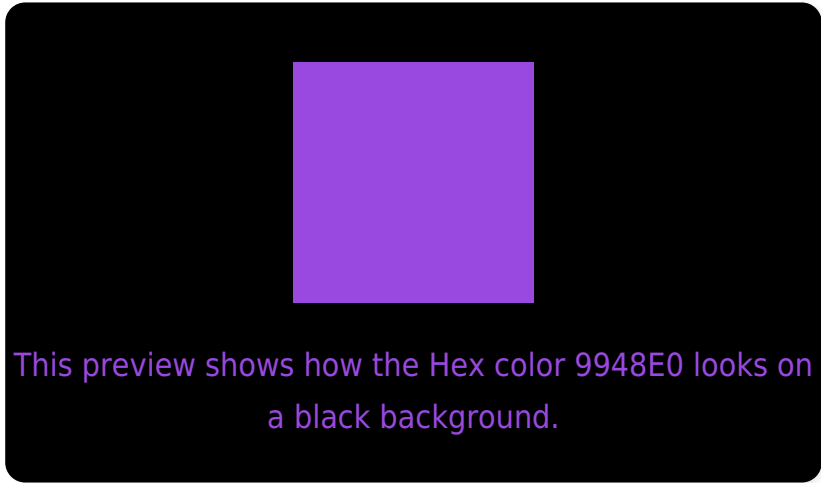
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex 9948E0 Background



This preview shows how black text looks on a background with the Hex color 9948E0.



This preview shows how white text looks on a background with the Hex color 9948E0.

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



Trichromacy



Original Color
9948E0



Protanomaly
3860E6

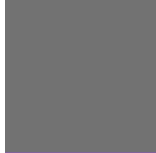


Tritanomaly
8C5E9B

Monochromacy



Original Color
9948E0



Achromatopsia
727272



Achromatomaly
80639A

CSS Examples

Text

The CSS property to change the color of the text to Hex 9948E0 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 #9948E0 looks like.

```
.text, #text, p{  
    color:#9948E0  
}
```

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 #9948E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9948E0
}
```

Border

The CSS property to change the border of an element to Hex 9948E0 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".

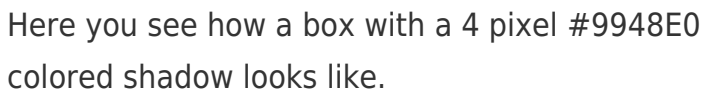
```
.border, #border, table{ border:4px solid
#9948E0 }
```

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

```
.border{ border-color:#9948E0 }
```

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

Here you see how a box with a 4 pixel #9948E0 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9948E0; -webkit-box-shadow:4px 4px  
4px 4px #9948E0; box-shadow:4px 4px 4px  
4px #9948E0 }
```

Background

The CSS property to change the background color of an element to Hex 9948E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9948E0 }
```

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

```
.background{ background-color:#9948E0 }
```

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