

Converting Colors

Hex(9748D1)

Have a look what the booklet for
Hex(9748D1) contains.

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Color

Hex(9748D1)

Conversions

Conversions Part 1

Format	Color
Hex	9748D1
RGB	151, 72, 209
RGB Percent	59%, 28%, 82%
CMY	0.4078, 0.7176, 0.1804
CMYK	0.28, 0.66, 0.00, 0.18
HSL	275°, 60%, 55%
HSV	275°, 66%, 82%
XYZ	26.5885, 15.8175, 61.9733
YIQ	111.2390, 3.1070, 59.3550

Conversions

Conversions Part 2

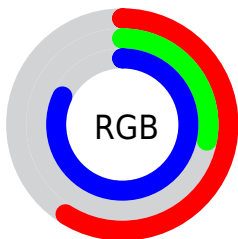
Format	Color
R_{YB}	151, 72, 209
Decimal	9914577
CIE _{Lab}	46.73, 56.60, -57.58
CIE _{LCh}	47, 80.743, 314.506
Yxy	15.8175, 0.2547, 0.1515
Android (android.graphics.Color)	4288104657 (0xFF9748D1)
YUV	111.2390, 48.1962, 34.8704
Hunter-Lab	39.7712, 49.7341, -64.5485

Details

The Hex color **9748D1** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **82D148**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **D17DFF**, and **5F0C9A** is the 20% darker color. If you saturate the color by 10%, you get **8E33D1**, and if you desaturate by 10%, it is **A05DD1**.

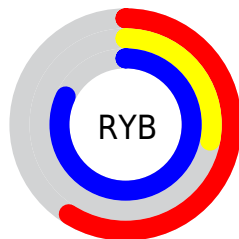
Distribution



Red (59%)

Green (28%)

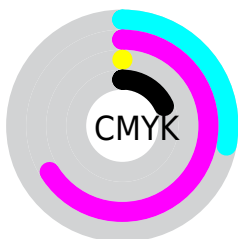
Blue (82%)



Red (59%)

Yellow (28%)

Blue (82%)

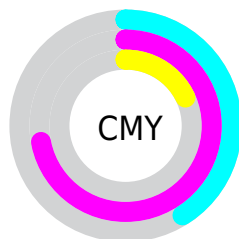


Cyan (28%)

Magenta (66%)

Yellow (0%)

Black (18%)



Cyan (41%)

Magenta (72%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9748D1 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 9748D1 by changing the saturation by 10% instead.

 9748D1

 9748D1

FFFFFF

 7B2DB5

 D17DFF

 5F0C9A

 EE99FF

 42007F

 FFB4FF

 240065

 FFD1FF

 00004C

 FFEEFF

 000434

 00021E

 000001

 000000

9748D1

9748D1

8E33D1

A05DD1

851ED1

A972D1

7C09D1

B287D1

7900D1

BA9CD1

C3B1D1

CCC5D1

D5DAD1

DEEFD1

E7FFD1

Harmonies

Analogous

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



006DF4



9748D1



D30095

Triad

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



9748D1



A45F00



008B8F

Complementary

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



9748D1



82D148

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.



008848



9748D1



697600

Square

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



9748D1



CE3608



008300



0089CE

Rectangle

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



9748D1



E10068



008300



008A78

Sweetspot

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



9748D1



E9CCFF



4883D1



736180



000000



808080

Same Dimension

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



9748D1



AA36FF



D148C8



645E69



6100A8



180029

Inverse Universe

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



D14882



FF368B



48D151



695E63



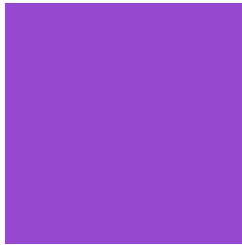
A80047



290011

Previews

White Background



This preview shows how the Hex color 9748D1 looks on a white background.

Color Contrast Check

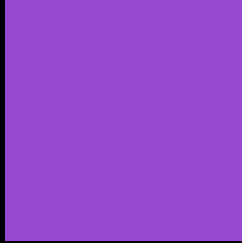
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 9748D1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

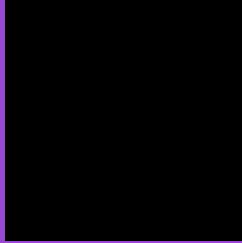
Any Text WCAG AA ✗ Fail

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 9748D1 Background



This preview shows how black text looks on a background with the Hex color 9748D1.

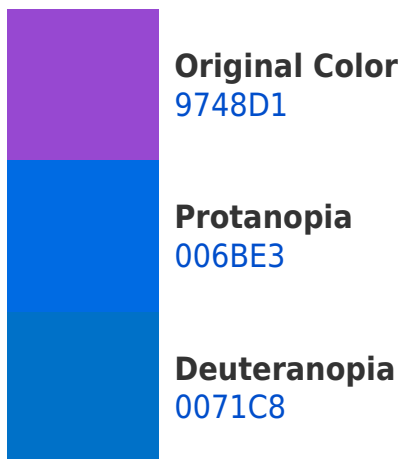



This preview shows how white text looks on a background with the Hex color 9748D1.

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](#).

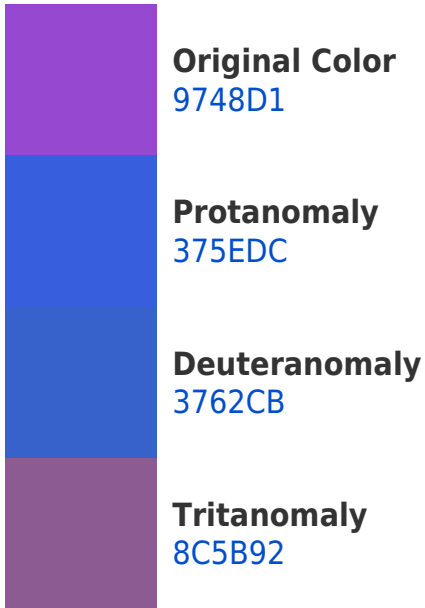
Dichromacy



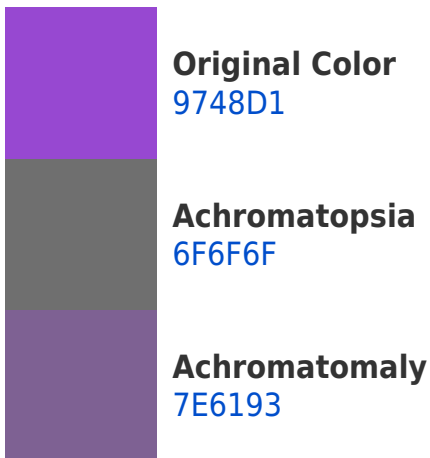


Tritanopia
86666E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9748D1 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 #9748D1 looks like.

```
.text, #text, p{  
    color:#9748D1  
}
```

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 #9748D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9748D1
}
```

Border

The CSS property to change the border of an element to Hex 9748D1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

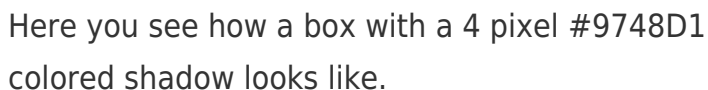
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9748D1 }
```

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

```
.border{ border-color:#9748D1 }
```

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



Here you see how a box with a 4 pixel #9748D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9748D1; -webkit-box-shadow:4px 4px  
4px 4px #9748D1; box-shadow:4px 4px 4px  
4px #9748D1 }
```

Background

The CSS property to change the background color of an element to Hex 9748D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9748D1 }
```

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

```
.background{ background-color:#9748D1 }
```

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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