

Converting Colors

Hex(948DDA)

Have a look what the booklet for
Hex(948DDA) contains.

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Color

Hex(948DDA)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 948DDA |
| RGB | 148, 141, 218 |
| RGB Percent | 58%, 55%, 85% |
| CMY | 0.4196, 0.4471, 0.1451 |
| CMYK | 0.32, 0.35, 0.00, 0.15 |
| HSL | 245°, 51%, 70% |
| HSV | 245°, 35%, 85% |
| XYZ | 34.3925, 30.4076, 70.3862 |
| YIQ | 151.8710, -20.5450, 25.4310 |

Conversions

Conversions Part 2

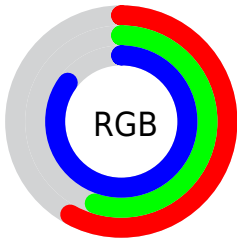
| Format | Color |
|-------------------------------------|--|
| RYB | 148, 141, 218 |
| Decimal | 9735642 |
| CIELab | 62.00, 20.07, -38.44 |
| CIELCh | 62, 43.365, 297.571 |
| Yxy | 30.4076, 0.2544, 0.2249 |
| Android (android.graphics.Color) | 4287925722 (0xFF948DDA) |
| YUV | 151.8710, 32.6016, -3.3949 |
| Hunter-Lab | 55.1431, 14.8293, -37.0793 |

Details

The Hex color **948DDA** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **D3DA8D**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **CCC3FF**, and **5F5BA3** is the 20% darker color. If you saturate the color by 10%, you get **8077DA**, and if you desaturate by 10%, it is **A8A3DA**.

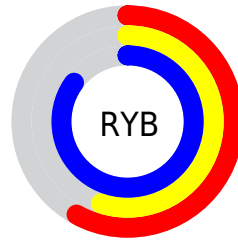
Distribution



Red (58%)

Green (55%)

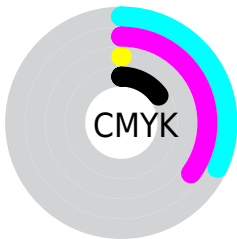
Blue (85%)



Red (58%)

Yellow (55%)

Blue (85%)

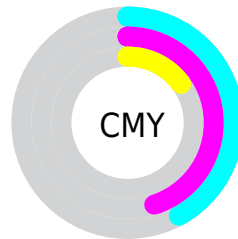


Cyan (32%)

Magenta (35%)

Yellow (0%)

Black (15%)



Cyan (42%)

Magenta (45%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 948DDA 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 948DDA by changing the saturation by 10% instead.

■ 948DDA

■ 948DDA

FFFFFF

■ 7973BE

■ CCC3FF

■ 5F5BA3

■ E9DFFF

■ 444388

■ FFFBFF

■ 2A2D6E

■ 091956

■ 00003E

■ 000327

■ 000111

■ 000000

948DDA

948DDA

8077DA

A8A3DA

6C61DA

BCB9DA

594CDA

CFCEDA

4536DA

E3E4DA

3120DA

F7FADA

1D0ADA

FFFFDA

1400DA

Harmonies

Analogous

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



4C9BE2



948DDA



C37FC0

Triad

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



948DDA



CD8556



00A991

Complementary

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



948DDA



D3DA8D

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.



5AA66B



948DDA



B09347

Square

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



948DDA



DE7974



899E4F



00A9B8

Rectangle

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



948DDA



D578A7



899E4F



2CA984

Sweetspot

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



948DDA



E6E3FF



8DD4DA



706F80



000000



808080

Same Dimension

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



948DDA



9E94FF



BA8DDA



64636E



1000AD



04002E

Inverse Universe

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



DA8DD3



FF94F5



ADDA8D



6E636D



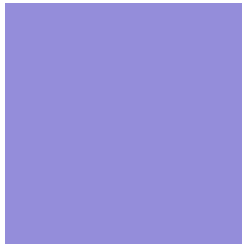
AD009E



2E002A

Previews

White Background



This preview shows how the Hex color 948DDA looks on a white background.

Color Contrast Check

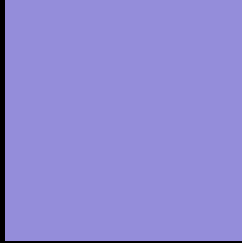
Large Text (above 18pt) WCAG AA × Fail

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 948DDA 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 948DDA Background



This preview shows how black text looks on a background with the Hex color 948DDA.

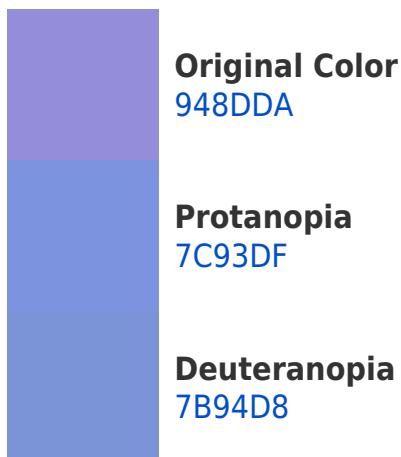


This preview shows how white text looks on a background with the Hex color 948DDA.

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](#).

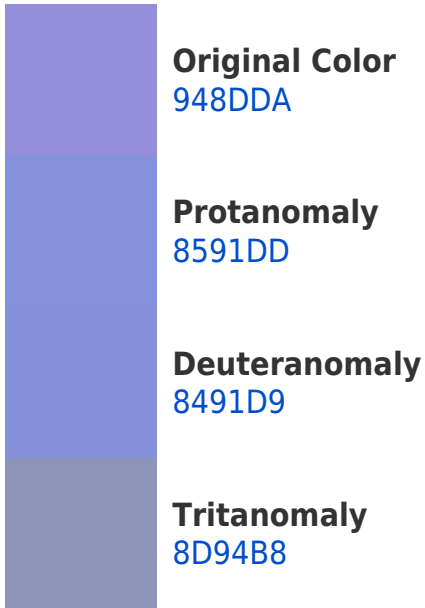
Dichromacy



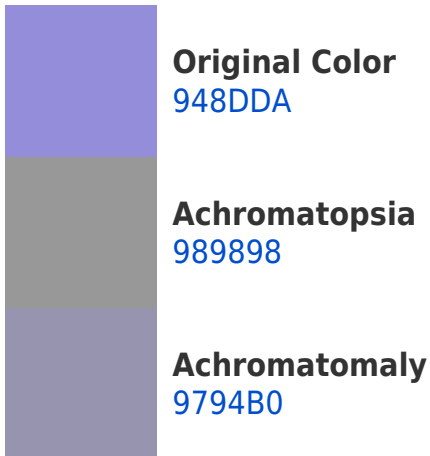


Tritanopia
8998A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 948DDA 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 #948DDA looks like.

```
.text, #text, p{  
    color:#948DDA  
}
```

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 #948DDA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #948DDA
}
```

Border

The CSS property to change the border of an element to Hex 948DDA 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
#948DDA }
```

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

```
.border{ border-color:#948DDA }
```

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

Here you see how a box with a 4 pixel #948DDA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #948DDA; -webkit-box-shadow:4px 4px  
4px 4px #948DDA; box-shadow:4px 4px 4px  
4px #948DDA }
```

Background

The CSS property to change the background color of an element to Hex 948DDA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#948DDA }
```

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

```
.background{ background-color:#948DDA }
```

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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