

Converting Colors

Hex(9783D2)

Have a look what the booklet for
Hex(9783D2) contains.

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Color

Hex(9783D2)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 9783D2 |
| RGB | 151, 131, 210 |
| RGB Percent | 59%, 51%, 82% |
| CMY | 0.4078, 0.4863, 0.1765 |
| CMYK | 0.28, 0.38, 0.00, 0.18 |
| HSL | 255°, 47%, 67% |
| HSV | 255°, 38%, 82% |
| XYZ | 32.5117, 27.4651, 64.5605 |
| YIQ | 145.9860, -13.4390, 28.8090 |

Conversions

Conversions Part 2

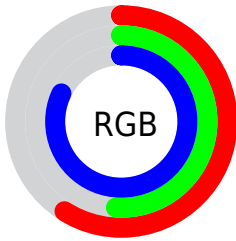
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 151, 131, 210 |
| Decimal | 9929682 |
| CIE _{Lab} | 59.40, 24.67, -38.02 |
| CIE _{LCh} | 59, 45.320, 302.979 |
| Yxy | 27.4651, 0.2611, 0.2205 |
| Android (android.graphics.Color) | 4288119762 (0xFF9783D2) |
| YUV | 145.9860, 31.5589, 4.3973 |
| Hunter-Lab | 52.4071, 19.0231, -36.3546 |

Details

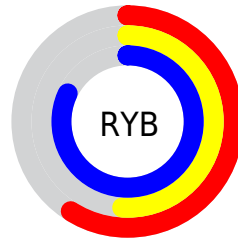
The Hex color **9783D2** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **BED283**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **CFB8FF**, and **62519B** is the 20% darker color. If you saturate the color by 10%, you get **876ED2**, and if you desaturate by 10%, it is **A798D2**.

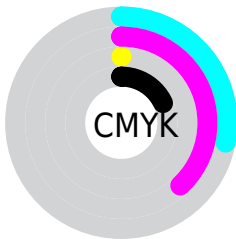
Distribution



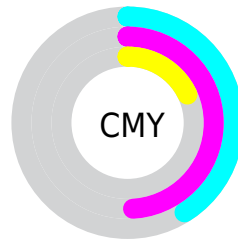
- Red (59%)
- Green (51%)
- Blue (82%)



- Red (59%)
- Yellow (51%)
- Blue (82%)



- Cyan (28%)
- Magenta (38%)
- Yellow (0%)
- Black (18%)



- Cyan (41%)
- Magenta (49%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9783D2 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 9783D2 by changing the saturation by 10% instead.

■ 9783D2

■ 9783D2

FFFFFF

■ 7C6AB6

■ CFB8FF

■ 62519B

■ EBD4FF

■ 483A81

■ FFF0FF

■ 2E2467

■ 12104F

■ 000038

■ 000221

■ 000006

■ 000000

9783D2

9783D2

876ED2

A798D2

7859D2

B6ADD2

6844D2

C6C2D2

582FD2

D6D7D2

491AD2

E5ECD2

3905D2

F5FFD2

3500D2

FFFFD2

Harmonies

Analogous

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



4E92DE



9783D2



C374B4

Triad

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



9783D2



C38048



00A392

Complementary

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



9783D2



BED283

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.



44A069



9783D2



A38E3C

Square

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



9783D2



D77266



799949



00A2B9

Rectangle

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



9783D2



D46E9A



799949



00A384

Sweetspot

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



9783D2



EAE3FF



83BED2



736F80



000000



808080

Same Dimension

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



9783D2



A98CFF



BE83D2



615E69



2B00A8



0A0029

Inverse Universe

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



D283BE



FF8CE2



97D283



695E66



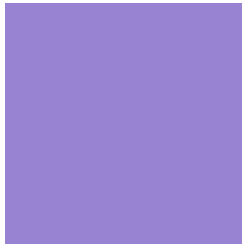
A8007E



29001E

Previews

White Background



This preview shows how the Hex color 9783D2 looks on a white background.

Color Contrast Check

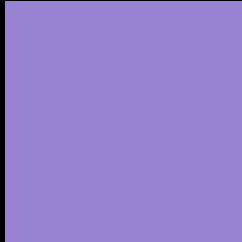
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color 9783D2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

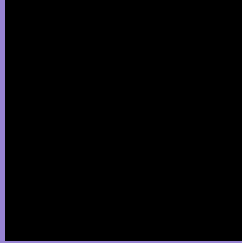
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 9783D2 Background



This preview shows how black text looks on a background with the Hex color 9783D2.

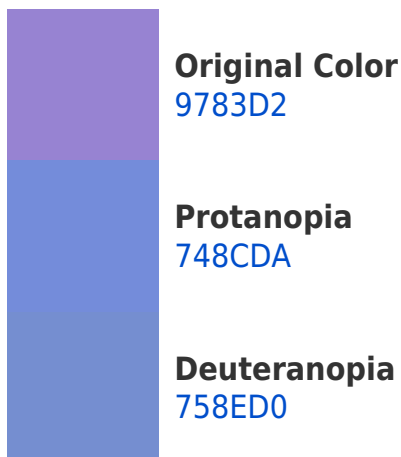


This preview shows how white text looks on a background with the Hex color 9783D2.

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](#).

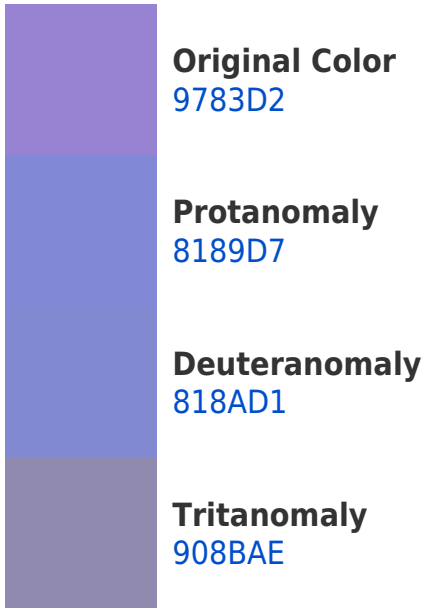
Dichromacy



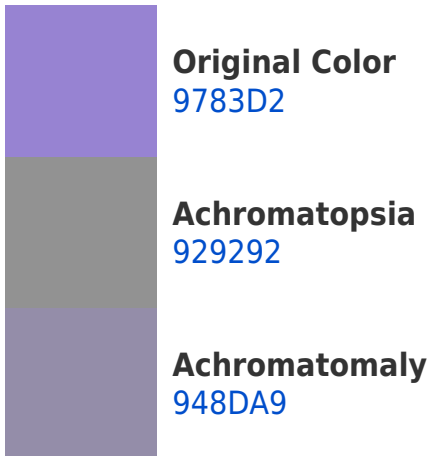


Tritanopia
8C8F9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9783D2 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 #9783D2 looks like.

```
.text, #text, p{  
    color:#9783D2  
}
```

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 #9783D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9783D2
}
```

Border

The CSS property to change the border of an element to Hex 9783D2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

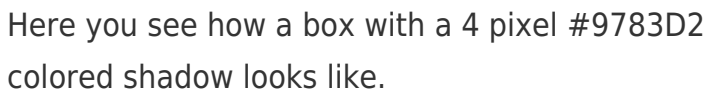
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9783D2 }
```

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

```
.border{ border-color:#9783D2 }
```

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



Here you see how a box with a 4 pixel #9783D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9783D2; -webkit-box-shadow:4px 4px  
4px 4px #9783D2; box-shadow:4px 4px 4px  
4px #9783D2 }
```

Background

The CSS property to change the background color of an element to Hex 9783D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9783D2 }
```

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

```
.background{ background-color:#9783D2 }
```

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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