

Converting Colors

Hex(9983D8)

Have a look what the booklet for
Hex(9983D8) contains.

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Color

Hex(9983D8)

Conversions

Conversions Part 1

Format	Color
Hex	9983D8
RGB	153, 131, 216
RGB Percent	60%, 51%, 85%
CMY	0.4000, 0.4863, 0.1529
CMYK	0.29, 0.39, 0.00, 0.15
HSL	256°, 52%, 68%
HSV	256°, 39%, 85%
XYZ	33.6478, 27.9628, 68.5897
YIQ	147.2680, -14.1730, 31.0990

Conversions

Conversions Part 2

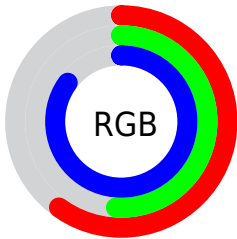
Format	Color
RYB	153, 131, 216
Decimal	10060760
CIELab	59.86, 26.74, -40.66
CIELCh	60, 48.669, 303.334
Yxy	27.9628, 0.2584, 0.2148
Android (android.graphics.Color)	4288250840 (0xFF9983D8)
YUV	147.2680, 33.8849, 5.0270
Hunter-Lab	52.8798, 21.0412, -39.8883

Details

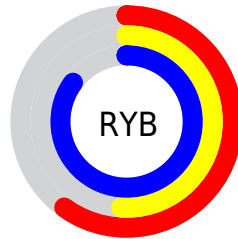
The Hex color **9983D8** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **C2D883**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **D1B8FF**, and **6351A1** is the 20% darker color. If you saturate the color by 10%, you get **896DD8**, and if you desaturate by 10%, it is **A999D8**.

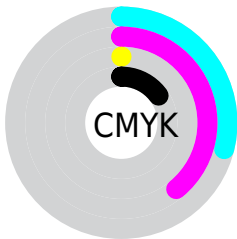
Distribution



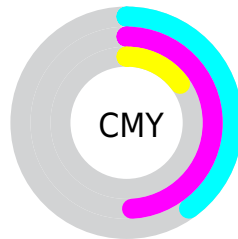
- Red (60%)
- Green (51%)
- Blue (85%)



- Red (60%)
- Yellow (51%)
- Blue (85%)



- Cyan (29%)
- Magenta (39%)
- Yellow (0%)
- Black (15%)



- Cyan (40%)
- Magenta (49%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9983D8 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 9983D8 by changing the saturation by 10% instead.

 9983D8

 9983D8

FFFFFF

 7E6ABC

 D1B8FF

 6351A1

 EED4FF

 493A86

 FFF0FF

 2F246C

 120F54

 00003C

 000225

 00010E

 000000

 9983D8

 9983D8

 896DD8

 A999D8

 7958D8

 B9AED8

 6942D8

 C9C4D8

 592DD8

 D9D9D8

 4917D8

 E9EFD8

 3901D8

 F9FFD8

 3800D8

 FFFFD8

Harmonies

Analogous

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



4793E6



9983D8



C973B7

Triad

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



9983D8



C78043



00A694

Complementary

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



9983D8



C2D883

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.



3BA368



9983D8



A48F36

Square

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



9983D8



DC7163



789B45



00A4BE

Rectangle

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



9983D8



DA6C9C



789B45



00A585

Sweetspot

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



9983D8



E8E0FF



83C3D8



726E80



000000



808080

Same Dimension

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



9983D8



A687FF



C383D8



63606B



2C00AB



0B002B

Inverse Universe

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



D883C2



FF87E0



98D883



6B6068



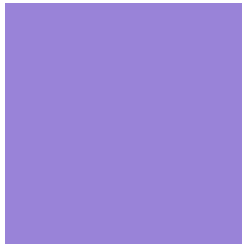
AB007F



2B0020

Previews

White Background



This preview shows how the Hex color 9983D8 looks on a white background.

Color Contrast Check

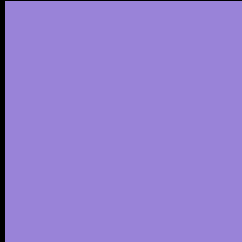
Large Text (above 18pt) WCAG AA ✓ Pass

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 9983D8 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 9983D8 Background



This preview shows how black text looks on a background with the Hex color 9983D8.

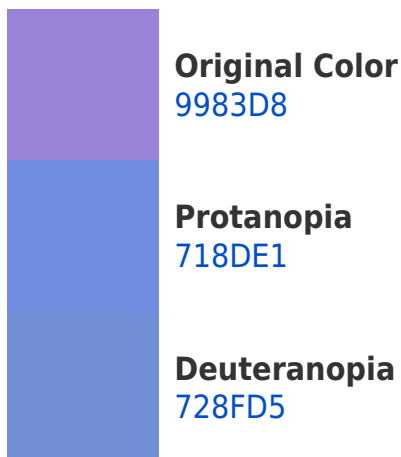


This preview shows how white text looks on a background with the Hex color 9983D8.

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](#).

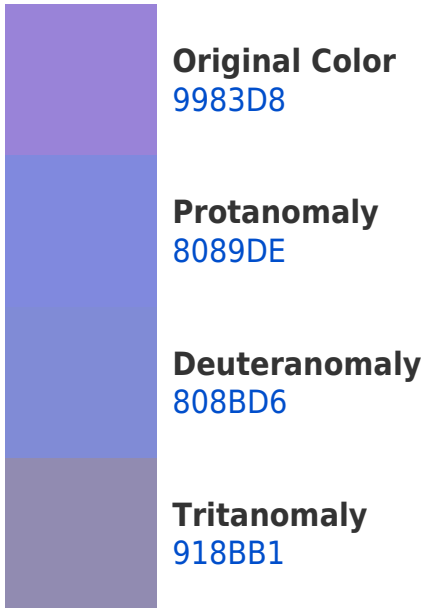
Dichromacy



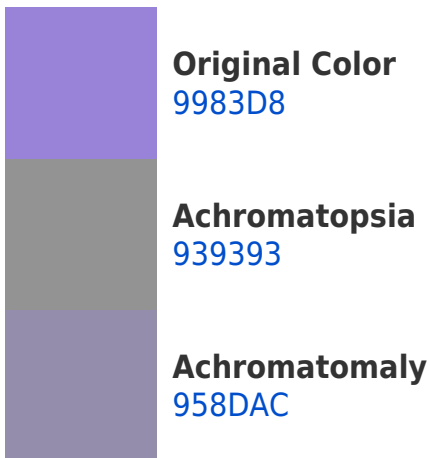


Tritanopia
8D909B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9983D8 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 #9983D8 looks like.

```
.text, #text, p{  
    color:#9983D8  
}
```

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 #9983D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9983D8
}
```

Border

The CSS property to change the border of an element to Hex 9983D8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

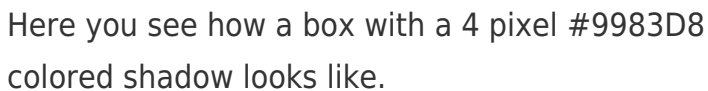
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9983D8 }
```

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

```
.border{ border-color:#9983D8 }
```

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



Here you see how a box with a 4 pixel #9983D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9983D8; -webkit-box-shadow:4px 4px  
4px 4px #9983D8; box-shadow:4px 4px 4px  
4px #9983D8 }
```

Background

The CSS property to change the background color of an element to Hex 9983D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9983D8 }
```

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

```
.background{ background-color:#9983D8 }
```

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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