

Converting Colors

Hex(9D88E3)

Have a look what the booklet for
Hex(9D88E3) contains.

Hex(9D88E3)	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>	29

Color

Hex(9D88E3)

Conversions

Conversions Part 1

Format	Color
Hex	9D88E3
RGB	157, 136, 227
RGB Percent	62%, 53%, 89%
CMY	0.3843, 0.4667, 0.1098
CMYK	0.31, 0.40, 0.00, 0.11
HSL	254°, 62%, 71%
HSV	254°, 40%, 89%
XYZ	36.5739, 30.3225, 76.5982
YIQ	152.6530, -16.6950, 32.7530

Conversions

Conversions Part 2

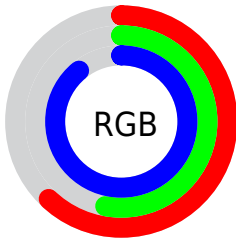
Format	Color
RYB	157, 136, 227
Decimal	10324195
CIELab	61.93, 27.76, -43.51
CIElCh	62, 51.614, 302.542
Yxy	30.3225, 0.2549, 0.2113
Android (android.graphics.Color)	4288514275 (0xFF9D88E3)
YUV	152.6530, 36.6531, 3.8123
Hunter-Lab	55.0658, 22.1918, -43.9281

Details

The Hex color **9D88E3** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **CEE388**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **D5BEFF**, and **6756AB** is the 20% darker color. If you saturate the color by 10%, you get **8C71E3**, and if you desaturate by 10%, it is **AE9FE3**.

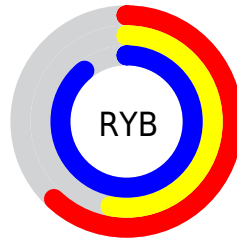
Distribution



Red (62%)

Green (53%)

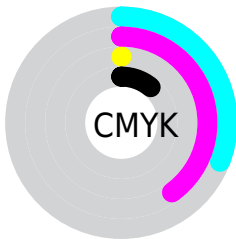
Blue (89%)



Red (62%)

Yellow (53%)

Blue (89%)

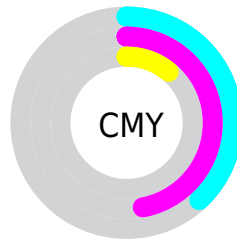


Cyan (31%)

Magenta (40%)

Yellow (0%)

Black (11%)



Cyan (38%)

Magenta (47%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9D88E3 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 9D88E3 by changing the saturation by 10% instead.

9D88E3

9D88E3

FFFFFF

826EC7

D5BEFF

6756AB

F3D9FF

4C3E90

FFF6FF

312876

13135D

000045

00032E

000118

000000

9D88E3

9D88E3

8C71E3

AE9FE3

7A5BE3

C0B5E3

6944E3

D1CCE3

572DE3

E3E3E3

4616E3

F4FAE3

3400E3

FFFFE3

Harmonies

Analogous

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



4099F1



9D88E3



D176C1

Triad

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



9D88E3



D08444



00AC98

Complementary

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



9D88E3



CEE388

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.



3BA96A



9D88E3



AC9535

Square

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



9D88E3



E77467



7DA144



00ABC6

Rectangle

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



9D88E3



E46EA3



7DA144



00AC88

Sweetspot

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



9D88E3



E7E0FF



88CFE3



726E80



000000



808080

Same Dimension

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



9D88E3



A185FF



C988E3



6A6773



2900B3



0C0033

Inverse Universe

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



E388CE



FF85E3



A2E388



736770



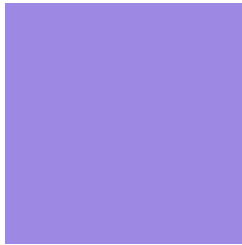
B30089



330027

Previews

White Background



This preview shows how the Hex color 9D88E3 looks on a white background.

Color Contrast Check

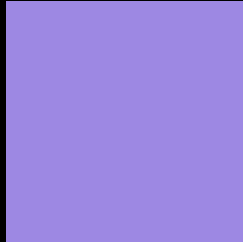
Large Text (above 18pt) WCAG AA × Fail

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 9D88E3 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 9D88E3 Background



This preview shows how black text looks on a background with the Hex color 9D88E3.



This preview shows how white text looks on a background with the Hex color 9D88E3.

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](#).

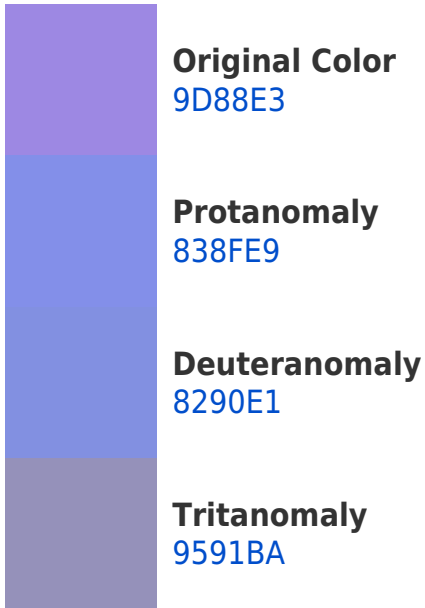
Dichromacy





Tritanopia
9096A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9D88E3 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 #9D88E3 looks like.

```
.text, #text, p{  
    color:#9D88E3  
}
```

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 #9D88E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D88E3
}
```

Border

The CSS property to change the border of an element to Hex 9D88E3 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
#9D88E3 }
```

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

```
.border{ border-color:#9D88E3 }
```

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

Here you see how a box with a 4 pixel #9D88E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D88E3; -webkit-box-shadow:4px 4px  
4px 4px #9D88E3; box-shadow:4px 4px 4px  
4px #9D88E3 }
```

Background

The CSS property to change the background color of an element to Hex 9D88E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D88E3 }
```

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

```
.background{ background-color:#9D88E3 }
```

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