

Converting Colors

Hex(9A9DC4)

Have a look what the booklet for
Hex(9A9DC4) contains.

Hex(9A9DC4)	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(9A9DC4)

Conversions

Conversions Part 1

Format	Color
Hex	9A9DC4
RGB	154, 157, 196
RGB Percent	60%, 62%, 77%
CMY	0.3961, 0.3843, 0.2314
CMYK	0.21, 0.20, 0.00, 0.23
HSL	236°, 26%, 69%
HSV	236°, 21%, 77%
XYZ	35.3472, 34.9695, 57.1113
YIQ	160.5490, -14.3070, 11.4930

Conversions

Conversions Part 2

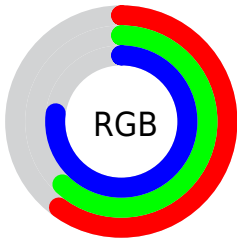
Format	Color
RYB	154, 157, 196
Decimal	10132932
CIELab	65.72, 7.30, -20.39
CIElCh	66, 21.656, 289.702
Yxy	34.9695, 0.2774, 0.2744
Android (android.graphics.Color)	4288323012 (0xFF9A9DC4)
YUV	160.5490, 17.4773, -5.7435
Hunter-Lab	59.1350, 3.2099, -15.8665

Details

The Hex color **9A9DC4** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C4C19A**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **D1D3FD**, and **666A8E** is the 20% darker color. If you saturate the color by 10%, you get **868BC4**, and if you desaturate by 10%, it is **AEAFC4**.

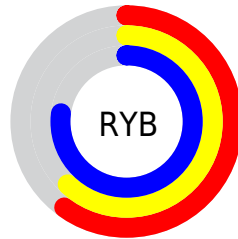
Distribution



Red (60%)

Green (62%)

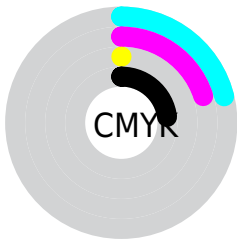
Blue (77%)



Red (60%)

Yellow (62%)

Blue (77%)

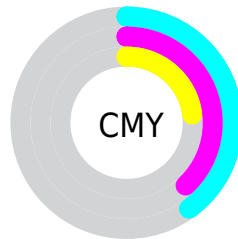


Cyan (21%)

Magenta (20%)

Yellow (0%)

Black (23%)



Cyan (40%)

Magenta (38%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A9DC4 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 9A9DC4 by changing the saturation by 10% instead.

■ 9A9DC4

■ 9A9DC4

FFFFFF

■ 8083A9

■ D1D3FD

■ 666A8E

■ EDF0FF

■ 4E5275

■ 363B5C

■ 1F2544

■ 08112E

■ 000119

■ 000000

■ 9A9DC4

■ 9A9DC4

868BC4

AEAFC4

7379C4

C1C1C4

5F66C4

D5D4C4

4C54C4

E8E6C4

3842C4

FCF8C4

2430C4

FFFFC4

111EC4

000EC4

Harmonies

Analogous

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



80A3C5



9A9DC4



B297B9

Triad

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



9A9DC4



C29683



76AA98

Complementary

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



9A9DC4



C4C19A

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.



8BA786



9A9DC4



B59C7A

Square

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



9A9DC4



C89293



A1A27B



69ABAC

Rectangle

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



9A9DC4



BE93AE



A1A27B



7CAA92

Sweetspot

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



9A9DC4



F0F1FF



9AC4C1



777780



000000



808080

Same Dimension

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



9A9DC4



BDC1FF



AC9AC4



575861



000BA1



000221

Inverse Universe

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



C49A9D



FFBDC1



B3C49A



615758



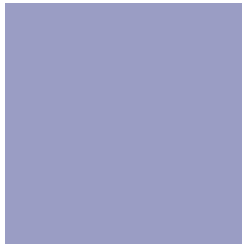
A1000B



210002

Previews

White Background



This preview shows how the Hex color 9A9DC4 looks on a white background.

Color Contrast Check

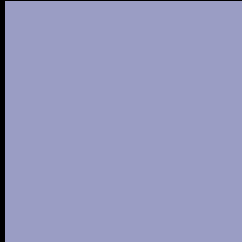
Large Text (above 18pt) WCAG AA × Fail

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 9A9DC4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

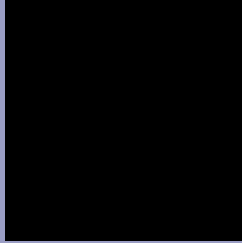
Any Text WCAG AA ✓ Pass

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 9A9DC4 Background



This preview shows how black text looks on a background with the Hex color 9A9DC4.



This preview shows how white text looks on a background with the Hex color 9A9DC4.

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



Original Color

9A9DC4

Protanopia

979EC5

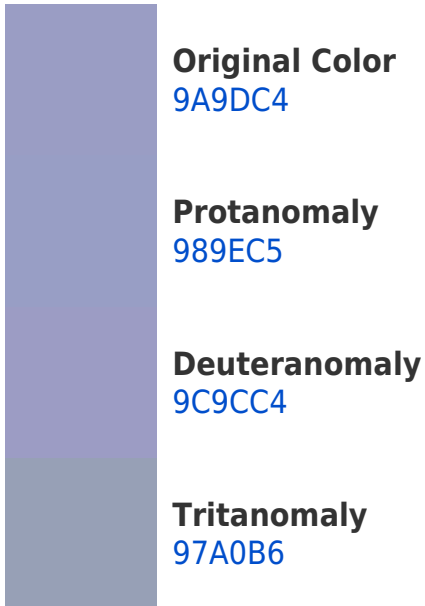
Deuteranopia

9D9CC4

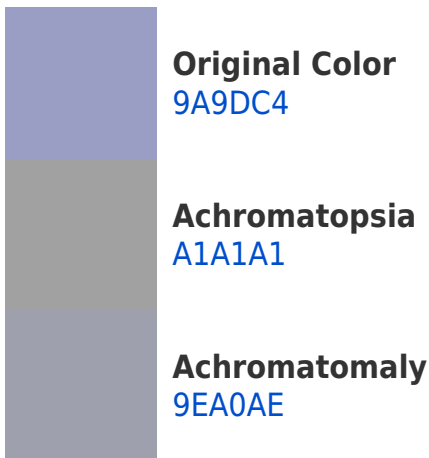


Tritanopia
96A1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9A9DC4 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 #9A9DC4 looks like.

```
.text, #text, p{  
    color:#9A9DC4  
}
```

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 #9A9DC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A9DC4  
}
```

Border

The CSS property to change the border of an element to Hex 9A9DC4 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  
#9A9DC4 }
```

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

```
.border{ border-color:#9A9DC4 }
```

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

Here you see how a box with a 4 pixel #9A9DC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A9DC4; -webkit-box-shadow:4px 4px  
4px 4px #9A9DC4; box-shadow:4px 4px 4px  
4px #9A9DC4 }
```

Background

The CSS property to change the background color of an element to Hex 9A9DC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A9DC4 }
```

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

```
.background{ background-color:#9A9DC4 }
```

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