

# Converting Colors

Hex(949DDC)

Have a look what the booklet for  
Hex(949DDC) contains.

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# **Color**

**Hex(949DDC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	949DDC
RGB	148, 157, 220
RGB Percent	58%, 62%, 86%
CMY	0.4196, 0.3843, 0.1373
CMYK	0.33, 0.29, 0.00, 0.14
HSL	232°, 51%, 72%
HSV	232°, 33%, 86%
XYZ	37.1880, 35.5771, 72.6172
YIQ	161.4910, -25.5870, 17.6850

# Conversions

## Conversions Part 2

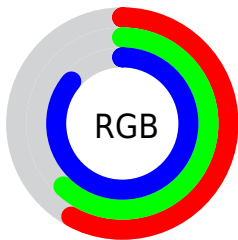
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	148, 156, 220
Decimal	9739740
CIE Lab	66.20, 11.41, -33.02
CIE LCh	66, 34.938, 289.059
Yxy	35.5771, 0.2558, 0.2447
Android (android.graphics.Color)	4287929820 (0xFF949DDC)
YUV	161.4910, 28.8449, -11.8316
Hunter-Lab	59.6466, 6.9083, -30.4305

# Details

The Hex color **949DDC** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **DCD394**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **CCD3FF**, and **5F6AA5** is the 20% darker color. If you saturate the color by 10%, you get **7E8ADC**, and if you desaturate by 10%, it is **AAB0DC**.

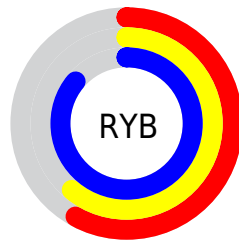
# Distribution



Red (58%)

Green (62%)

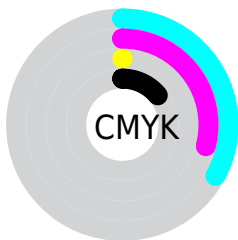
Blue (86%)



Red (58%)

Yellow (61%)

Blue (86%)

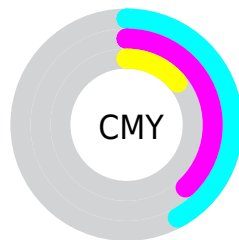


Cyan (33%)

Magenta (29%)

Yellow (0%)

Black (14%)



Cyan (42%)

Magenta (38%)

Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 949DDC 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 949DDC by changing the saturation by 10% instead.



■ 949DDC

■ 949DDC

FFFFFF

■ 7983C0

■ CCD3FF

■ 5F6AA5

■ E8F0FF

■ 45528A

■ 2A3B70

■ 0C2658

■ 001240

■ 00032A

■ 000114

■ 000000

 949DDC

 949DDC

 7E8ADC

 AAB0DC

 6877DC

 C0C4DC

 5263DC

 D6D7DC

 3C50DC

 ECEADC

 263DDC

 FFFDDC

 102ADC

 FFFFDC

 001CDC

# Harmonies

## Analogous

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



61A7DE



949DDC



BD92CA

# Triad

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



949DDC



D69073



56B194

# Complementary

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



949DDC



DCD394

# 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.



7EAD77



949DDC



C09B63

# Square

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



949DDC



DF898E



A2A565



2DB2B4

# Rectangle

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



949DDC



D08CB8



A2A565



64B089



# Sweetspot

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



949DDC



E6E9FF



94DCD2



707280



000000



808080



# Same Dimension

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



949DDC



9CA8FF



AE94DC



63646E



0016AD



00062E



# Inverse Universe

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



DC949D



FF9CA8



C2DC94



6E6364



AD0016

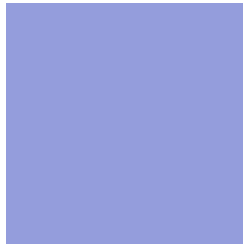


2E0006



# Previews

## White Background



This preview shows how the Hex color 949DDC looks on a white background.

## Color Contrast Check

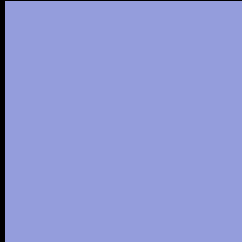
Large Text (above 18pt) WCAG AA × Fail

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 949DDC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

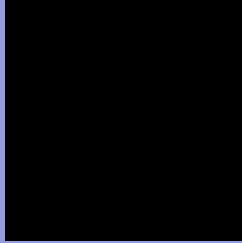
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 949DDC Background



This preview shows how black text looks on a background with the Hex color 949DDC.



This preview shows how white text looks on a background with the Hex color 949DDC.

# 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**  
949DDC

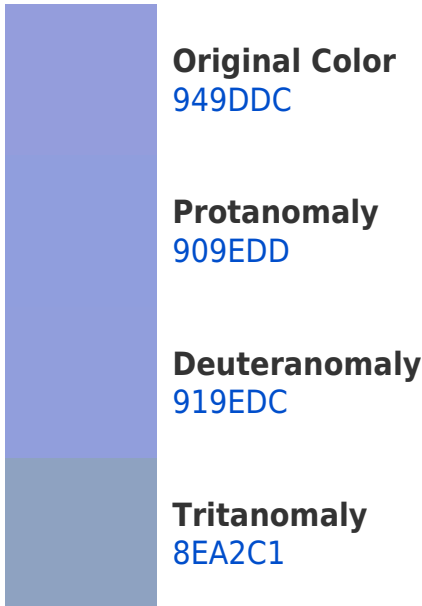
**Protanopia**  
8E9FDD

**Deuteranopia**  
8F9FDC

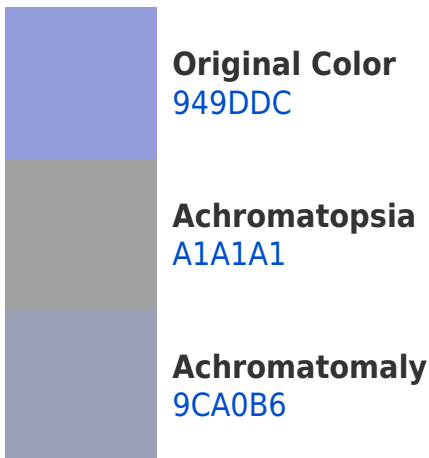


**Tritanopia**  
8BA5B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 949DDC 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 #949DDC looks like.

```
.text, #text, p{  
    color:#949DDC  
}
```

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 #949DDC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #949DDC
}
```

## Border

The CSS property to change the border of an element to Hex 949DDC 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
#949DDC }
```

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

```
.border{ border-color:#949DDC }
```

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

Here you see how a box with a 4 pixel #949DDC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #949DDC; -webkit-box-shadow:4px 4px  
4px 4px #949DDC; box-shadow:4px 4px 4px  
4px #949DDC }
```

# Background

The CSS property to change the background color of an element to Hex 949DDC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#949DDC }
```

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

```
.background{ background-color:#949DDC }
```

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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