

# Converting Colors

Hex(9A90D9)

Have a look what the booklet for  
Hex(9A90D9) contains.

<b>Hex(9A90D9)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(9A90D9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9A90D9
RGB	154, 144, 217
RGB Percent	60%, 56%, 85%
CMY	0.3961, 0.4353, 0.1490
CMYK	0.29, 0.34, 0.00, 0.15
HSL	248°, 49%, 71%
HSV	248°, 34%, 85%
XYZ	35.8241, 31.8263, 69.9006
YIQ	155.3120, -17.4730, 24.8230

# Conversions

## Conversions Part 2

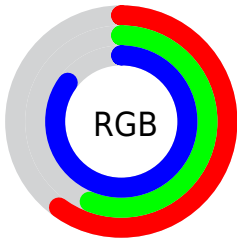
<b>Format</b>	<b>Color</b>
<b>RYB</b>	154, 144, 217
Decimal	10129625
CIELab	63.20, 19.80, -35.98
CIELCh	63, 41.069, 298.820
Yxy	31.8263, 0.2604, 0.2314
Android (android.graphics.Color)	4288319705 (0xFF9A90D9)
YUV	155.3120, 30.4122, -1.1506
Hunter-Lab	56.4148, 14.6237, -33.9727

# Details

The Hex color **9A90D9** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CFD990**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **D2C6FF**, and **655EA2** is the 20% darker color. If you saturate the color by 10%, you get **877AD9**, and if you desaturate by 10%, it is **ADA6D9**.

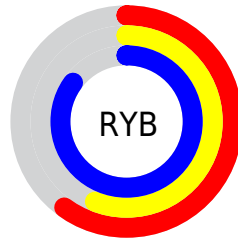
# Distribution



Red (60%)

Green (56%)

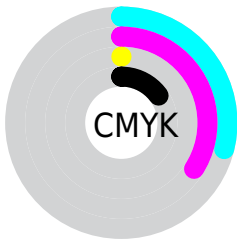
Blue (85%)



Red (60%)

Yellow (56%)

Blue (85%)

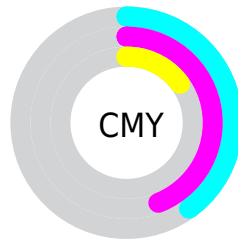


Cyan (29%)

Magenta (34%)

Yellow (0%)

Black (15%)



Cyan (40%)

Magenta (44%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A90D9 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 9A90D9 by changing the saturation by 10% instead.



■ 9A90D9

■ 9A90D9

FFFFFF

■ 7F76BD

■ D2C6FF

■ 655EA2

■ EFE2FF

■ 4B4687

■ 31306E

■ 161B55

■ 00023D

■ 000327

■ 000110

■ 000000

 9A90D9

 9A90D9

 877AD9

 ADA6D9

 7565D9

 BFBBD9

 624FD9

 D2D1D9

 4F39D9

 E5E7D9

 3C24D9

 F8FDD9

 2A0ED9

 FFFFD9

 1E00D9

# Harmonies

## Analogous

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



5B9DE2



9A90D9



C583BF

# Triad

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



9A90D9



CE895B



17AC96

# Complementary

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



9A90D9



CFD990

# 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.



5FA872



9A90D9



B1964F

# Square

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



9A90D9



DE7E78



8CA157



00ABBB

# Rectangle

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



9A90D9



D67DA8



8CA157



38AB8A



# Sweetspot

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



9A90D9



E9E6FF



90CFD9



727080



000000



808080



# Same Dimension

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



9A90D9



A799FF



BE90D9



64636E



1800AD



06002E



# Inverse Universe

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



D990CF



FF99F1



ABD990



6E636C



AD0096



2E0028



# Previews

## White Background



This preview shows how the Hex color 9A90D9 looks on a white background.

## Color Contrast Check

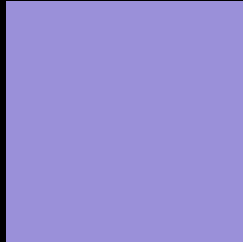
Large Text (above 18pt) WCAG AA × Fail

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 9A90D9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

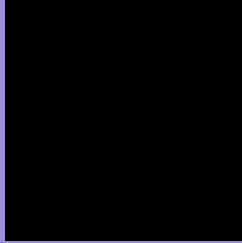
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9A90D9 Background



This preview shows how black text looks on a background with the Hex color 9A90D9.



This preview shows how white text looks on a background with the Hex color 9A90D9.

# 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**  
909AA6

# Trichromacy



**Original Color**  
9A90D9

**Protanomaly**  
8A94DC

**Deuteranomaly**  
8B94D8

**Tritanomaly**  
9496B9

# Monochromacy



**Original Color**  
9A90D9

**Achromatopsia**  
9B9B9B

**Achromatomaly**  
9B97B2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A90D9 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 #9A90D9 looks like.

```
.text, #text, p{  
    color:#9A90D9  
}
```

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 #9A90D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A90D9
}
```

## Border

The CSS property to change the border of an element to Hex 9A90D9 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
#9A90D9 }
```

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

```
.border{ border-color:#9A90D9 }
```

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

Here you see how a box with a 4 pixel #9A90D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A90D9; -webkit-box-shadow:4px 4px  
4px 4px #9A90D9; box-shadow:4px 4px 4px  
4px #9A90D9 }
```

# Background

The CSS property to change the background color of an element to Hex 9A90D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A90D9 }
```

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

```
.background{ background-color:#9A90D9 }
```

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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