

Converting Colors

Hex(9A90E1)

Have a look what the booklet for
Hex(9A90E1) contains.

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Color

Hex(9A90E1)

Conversions

Conversions Part 1

Format	Color
Hex	9A90E1
RGB	154, 144, 225
RGB Percent	60%, 56%, 88%
CMY	0.3961, 0.4353, 0.1176
CMYK	0.32, 0.36, 0.00, 0.12
HSL	247°, 57%, 72%
HSV	247°, 36%, 88%
XYZ	36.8903, 32.2528, 75.5152
YIQ	156.2240, -20.0410, 27.3110

Conversions

Conversions Part 2

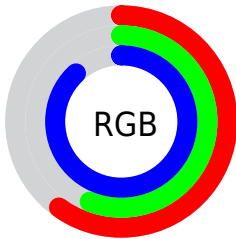
Format	Color
RYB	154, 144, 225
Decimal	10129633
CIELab	63.55, 21.83, -39.88
CIELCh	64, 45.459, 298.696
Yxy	32.2528, 0.2550, 0.2230
Android (android.graphics.Color)	4288319713 (0xFF9A90E1)
YUV	156.2240, 33.9066, -1.9504
Hunter-Lab	56.7915, 16.5637, -39.0834

Details

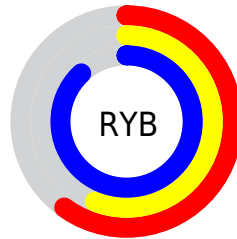
The Hex color **9A90E1** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **D7E190**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **D2C6FF**, and **645EA9** is the 20% darker color. If you saturate the color by 10%, you get **867AE1**, and if you desaturate by 10%, it is **AEA7E1**.

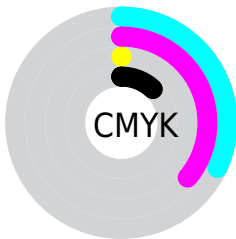
Distribution



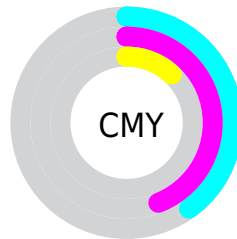
- Red (60%)
- Green (56%)
- Blue (88%)



- Red (60%)
- Yellow (56%)
- Blue (88%)



- Cyan (32%)
- Magenta (36%)
- Yellow (0%)
- Black (12%)



- Cyan (40%)
- Magenta (44%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A90E1 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 9A90E1 by changing the saturation by 10% instead.

■ 9A90E1

■ 9A90E1

FFFFFF

■ 7F76C5

■ D2C6FF

■ 645EA9

■ EFE2FF

■ 4A468F

■ 2F3075

■ 111B5C

■ 000344

■ 00032D

■ 000117

■ 000000

 9A90E1

 9A90E1

 867AE1

 AEA7E1

 7363E1

 C1BDE1

 5F4DE1

 D5D3E1

 4B36E1

 E9EAE1

 3720E1

 FDFFE1

 2409E1

 FFFFE1

 1C00E1

Harmonies

Analogous

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



4E9FEB



9A90E1



CA81C5

Triad

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



9A90E1



D38855



00AE97

Complementary

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



9A90E1



D7E190

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.



58AB6E



9A90E1



B49747

Square

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



9A90E1



E57C75



8BA350



00AEC0

Rectangle

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



9A90E1



DD7AAB



8BA350



21AE89

Sweetspot

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



9A90E1



E6E3FF



90D8E1



716F80



000000



808080

Same Dimension

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



9A90E1



9F91FF



C290E1



666570



1600B0



060030

Inverse Universe

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



E190D7



FF91F1



AFE190



70656F



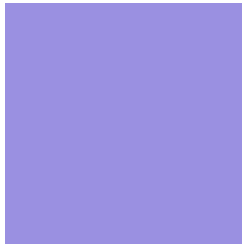
B0009A



30002A

Previews

White Background



This preview shows how the Hex color 9A90E1 looks on a white background.

Color Contrast Check

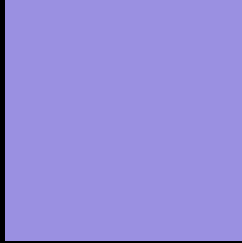
Large Text (above 18pt) WCAG AA × Fail

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 9A90E1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

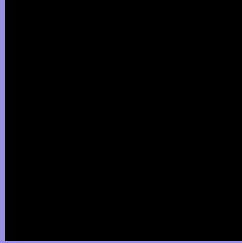
Any Text WCAG AA ✓ Pass

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 9A90E1 Background



This preview shows how black text looks on a background with the Hex color 9A90E1.

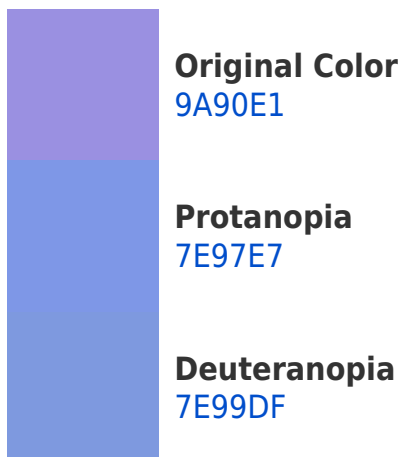


This preview shows how white text looks on a background with the Hex color 9A90E1.

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](#).

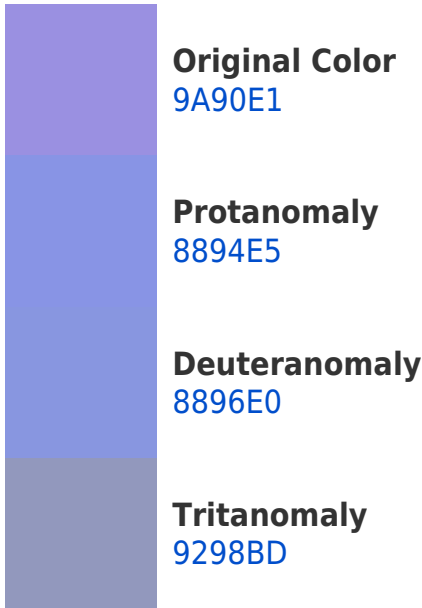
Dichromacy





Tritanopia
8E9CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9A90E1 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 #9A90E1 looks like.

```
.text, #text, p{  
    color:#9A90E1  
}
```

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 #9A90E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A90E1
}
```

Border

The CSS property to change the border of an element to Hex 9A90E1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

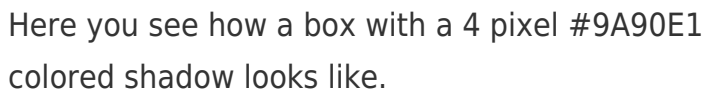
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A90E1 }
```

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

```
.border{ border-color:#9A90E1 }
```

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



Here you see how a box with a 4 pixel #9A90E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A90E1; -webkit-box-shadow:4px 4px  
4px 4px #9A90E1; box-shadow:4px 4px 4px  
4px #9A90E1 }
```

Background

The CSS property to change the background color of an element to Hex 9A90E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A90E1 }
```

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

```
.background{ background-color:#9A90E1 }
```

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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