

# Converting Colors

Hex(90AFDA)

Have a look what the booklet for Hex(90AFDA) contains.

<b>Hex(90AFDA)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(90AFDA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	90AFDA
RGB	144, 175, 218
RGB Percent	56%, 69%, 85%
CMY	0.4353, 0.3137, 0.1451
CMYK	0.34, 0.20, 0.00, 0.15
HSL	215°, 50%, 71%
HSV	215°, 34%, 85%
XYZ	39.4865, 41.6512, 72.2880
YIQ	170.6330, -32.2790, 6.8010

# Conversions

## Conversions Part 2

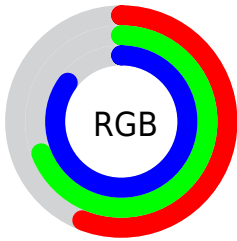
Format	Color
<a href="#">RYB</a>	<a href="#">144, 166, 218</a>
Decimal	<a href="#">9482202</a>
CIELab	<a href="#">70.63, -0.32, -25.11</a>
CIELCh	<a href="#">71, 25.115, 269.270</a>
Yxy	<a href="#">41.6512, 0.2574, 0.2715</a>
Android (android.graphics.Color)	<a href="#">4287672282</a> ( <a href="#">0xFF90AFDA</a> )
YUV	<a href="#">170.6330, 23.3519, -23.3571</a>
Hunter-Lab	<a href="#">64.5377, -3.7284, -21.2336</a>

# Details

The Hex color **90AFDA** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **DABB90**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **C7E6FF**, and **5B7BA3** is the 20% darker color. If you saturate the color by 10%, you get **7AA2DA**, and if you desaturate by 10%, it is **A6BCDA**.

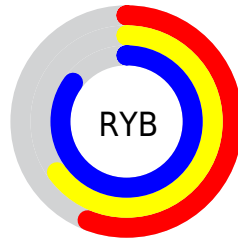
# Distribution



Red (56%)

Green (69%)

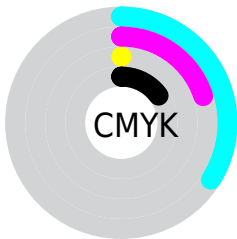
Blue (85%)



Red (56%)

Yellow (65%)

Blue (85%)

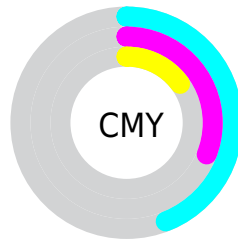


Cyan (34%)

Magenta (20%)

Yellow (0%)

Black (15%)



Cyan (44%)

Magenta (31%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 90AFDA 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 90AFDA by changing the saturation by 10% instead.



■ 90AFDA

FFFFFF

■ C7E6FF

■ E4FFFF

■ 90AFDA

■ 7594BE

■ 5B7BA3

■ 416289

■ 264A6F

■ 043456

■ 001F3F

■ 000529

■ 000113

■ 000000

■ 90AFDA

■ 90AFDA

■ 7AA2DA

■ A6BCDA

■ 6496DA

■ BCC8DA

■ 4F89DA

■ D1D5DA

■ 397CDA

■ E7E2DA

■ 2370DA

■ FDEEDA

■ 0D63DA

■ FFFBDA

■ 005BDA

■ FFFFDA

# Harmonies

## Analogous

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



74B5D3



90AFDA



B0A7D5

# Triad

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



90AFDA



DB9E98



8BB795

# Complementary

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



90AFDA



DABB90

# 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.



A6B285



90AFDA



D1A386

# Square

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



90AFDA



D99CAE



BEAB7F



74BAAB

# Rectangle

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



90AFDA



C2A2CB



BEAB7F



94B68E



# Sweetspot

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



90AFDA



E6F0FF



90DABA



707780



000000



808080

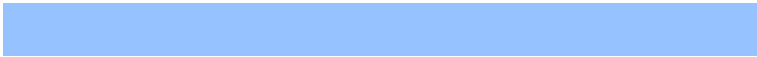


# Same Dimension

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



90AFDA



96C2FF



9590DA



63676E



0049AD



00132E



# Inverse Universe

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



DA90AF



FF96C2



D5DA90



6E6367



AD0049

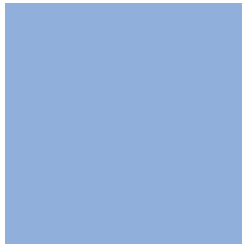


2E0013



# Previews

## White Background



This preview shows how the Hex color 90AFDA looks on a white background.

## Color Contrast Check

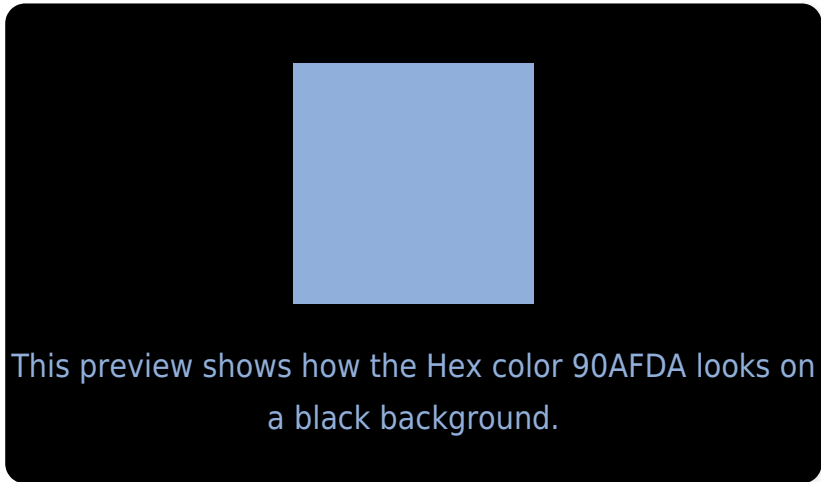
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

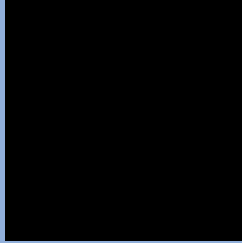
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

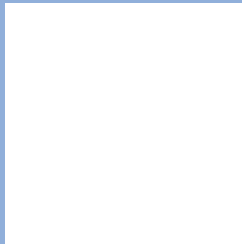
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 90AFDA Background



This preview shows how black text looks on a background with the Hex color 90AFDA.

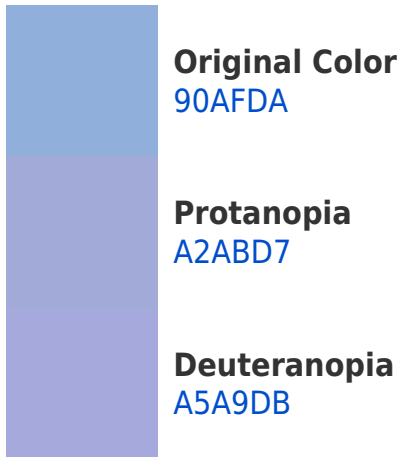


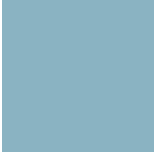
This preview shows how white text looks on a background with the Hex color 90AFDA.

# 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](#).

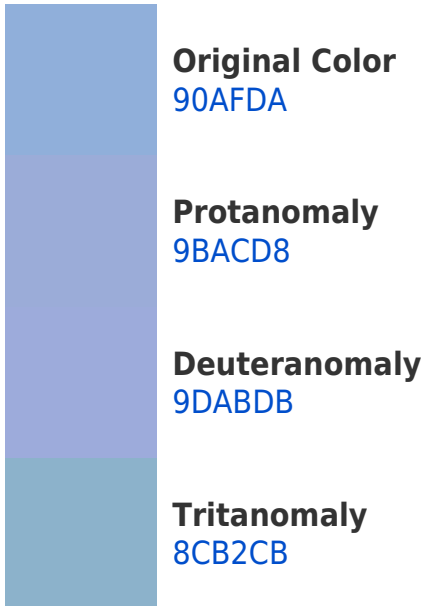
## Dichromacy



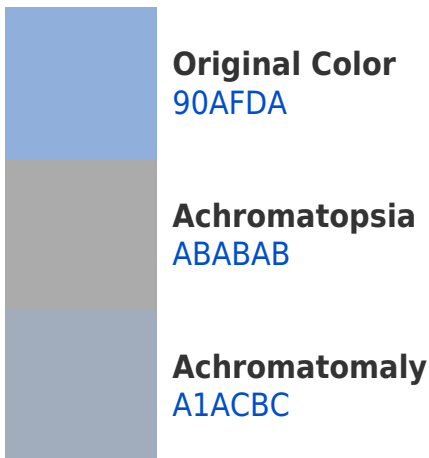


**Tritanopia**  
8AB3C2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 90AFDA 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 #90AFDA looks like.

```
.text, #text, p{  
    color:#90AFDA  
}
```

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 #90AFDA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90AFDA
}
```

## Border

The CSS property to change the border of an element to Hex 90AFDA 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
#90AFDA }
```

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

```
.border{ border-color:#90AFDA }
```

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

Here you see how a box with a 4 pixel #90AFDA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90AFDA; -webkit-box-shadow:4px 4px  
4px 4px #90AFDA; box-shadow:4px 4px 4px  
4px #90AFDA }
```

# Background

The CSS property to change the background color of an element to Hex 90AFDA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90AFDA }
```

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

```
.background{ background-color:#90AFDA }
```

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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