

# Converting Colors

Hex(8DA8EA)

Have a look what the booklet for  
Hex(8DA8EA) contains.

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# **Color**

**Hex(8DA8EA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8DA8EA
RGB	141, 168, 234
RGB Percent	55%, 66%, 92%
CMY	0.4471, 0.3412, 0.0824
CMYK	0.40, 0.28, 0.00, 0.08
HSL	223°, 69%, 74%
HSV	223°, 40%, 92%
XYZ	39.8384, 39.6085, 83.3874
YIQ	167.4510, -37.2780, 14.8020

# Conversions

## Conversions Part 2

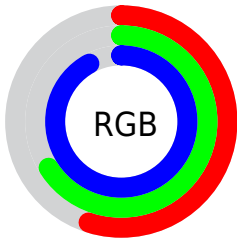
Format	Color
R <sub>Y</sub> B	141, 162, 234
Decimal	9283818
CIE Lab	69.19, 6.99, -36.10
CIE LCh	69, 36.775, 280.960
Yxy	39.6085, 0.2447, 0.2432
Android (android.graphics.Color)	4287473898 (0xFF8DA8EA)
YUV	167.4510, 32.8087, -23.1975
Hunter-Lab	62.9353, 2.8549, -34.5028

# Details

The Hex color **8DA8EA** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **EACF8D**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **C5DFFF**, and **5674B2** is the 20% darker color. If you saturate the color by 10%, you get **7697EA**, and if you desaturate by 10%, it is **A4B9EA**.

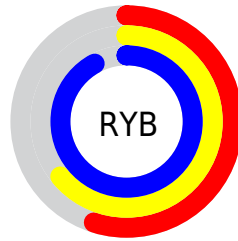
# Distribution



Red (55%)

Green (66%)

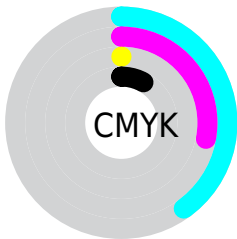
Blue (92%)



Red (55%)

Yellow (64%)

Blue (92%)

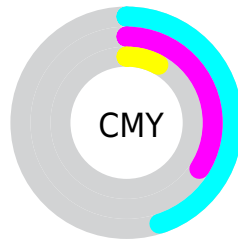


Cyan (40%)

Magenta (28%)

Yellow (0%)

Black (8%)



Cyan (45%)

Magenta (34%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8DA8EA 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 8DA8EA by changing the saturation by 10% instead.



■ 8DA8EA

FFFFFF

■ C5DFFF

■ E2FCFF

■ 8DA8EA

■ 718ECE

■ 5674B2

■ 3A5C97

■ 1B457D

■ 002F64

■ 001B4B

■ 000234

■ 00021E

■ 000001

■ 8DA8EA

■ 8DA8EA

■ 7697EA

■ A4B9EA

■ 5E87EA

■ BCC9EA

■ 4776EA

■ D3DAEA

■ 2F66EA

■ EBEEEA

■ 1855EA

■ FFFBEA

■ 0144EA

■ FFFFEA

■ 0044EA

# Harmonies

## Analogous

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



54B2E7



8DA8EA



BD9CDB

# Triad

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



8DA8EA



E5957F



65B992

# Complementary

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



8DA8EA



EACF8D

# 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.



8EB475



8DA8EA



D1A06A

# Square

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



8DA8EA



EA8F9E



B3AB67



37BBB4

# Rectangle

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



8DA8EA



D495CA



B3AB67



73B887



# Sweetspot

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



8DA8EA



E0E9FF



8DEACE



6E7380



000000



808080



# Same Dimension

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



8DA8EA



85A8FF



A08DEA



6A6D75



0035B5



001036



# Inverse Universe

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



EA8DA8



FF85A8



D7EA8D



756A6D



B50035



360010



# Previews

## White Background



This preview shows how the Hex color 8DA8EA looks on a white background.

## Color Contrast Check

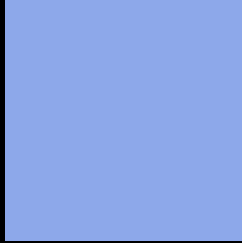
Large Text (above 18pt) WCAG AA × Fail

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 8DA8EA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

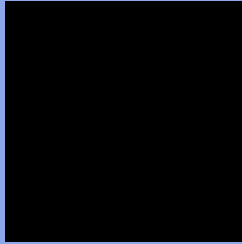
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

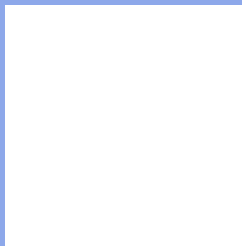
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8DA8EA Background



This preview shows how black text looks on a background with the Hex color 8DA8EA.



This preview shows how white text looks on a background with the Hex color 8DA8EA.

# 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**  
8DA8EA

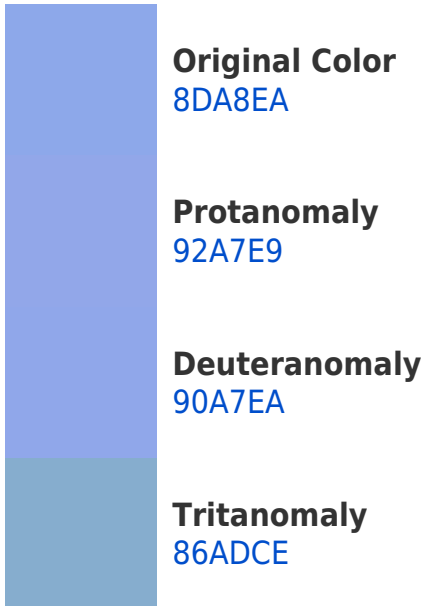
**Protanopia**  
95A6E9

**Deuteranopia**  
92A7EA

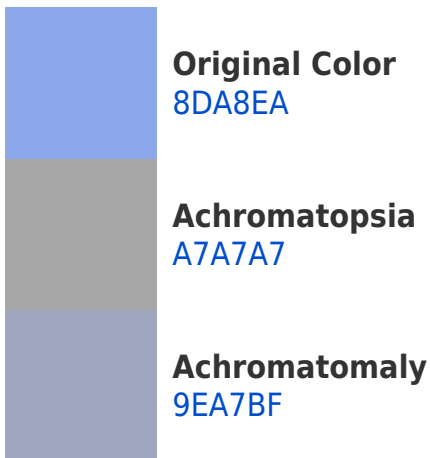


**Tritanopia**  
82B0BE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8DA8EA 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 #8DA8EA looks like.

```
.text, #text, p{  
    color:#8DA8EA  
}
```

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 #8DA8EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DA8EA
}
```

## Border

The CSS property to change the border of an element to Hex 8DA8EA 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
#8DA8EA }
```

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

```
.border{ border-color:#8DA8EA }
```

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

Here you see how a box with a 4 pixel #8DA8EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DA8EA; -webkit-box-shadow:4px 4px  
4px 4px #8DA8EA; box-shadow:4px 4px 4px  
4px #8DA8EA }
```

# Background

The CSS property to change the background color of an element to Hex 8DA8EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DA8EA }
```

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

```
.background{ background-color:#8DA8EA }
```

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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