

# Converting Colors

Hex(8BA5DC)

Have a look what the booklet for  
Hex(8BA5DC) contains.

<b>Hex(8BA5DC)</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(8BA5DC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8BA5DC
RGB	139, 165, 220
RGB Percent	55%, 65%, 86%
CMY	0.4549, 0.3529, 0.1373
CMYK	0.37, 0.25, 0.00, 0.14
HSL	221°, 54%, 70%
HSV	221°, 37%, 86%
XYZ	37.0209, 37.5665, 73.0100
YIQ	163.4960, -33.1510, 11.5930

# Conversions

## Conversions Part 2

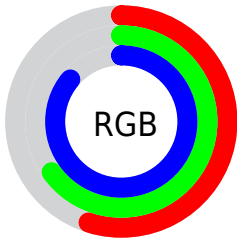
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">139, 159, 220</a>
Decimal	<a href="#">9151964</a>
CIELab	<a href="#">67.70, 4.38, -30.74</a>
CIELCh	<a href="#">68, 31.053, 278.100</a>
Yxy	<a href="#">37.5665, 0.2508, 0.2545</a>
Android (android.graphics.Color)	<a href="#">4287342044 (0xFF8BA5DC)</a>
YUV	<a href="#">163.4960, 27.8565, -21.4830</a>
Hunter-Lab	<a href="#">61.2916, 0.5560, -27.7217</a>

# Details

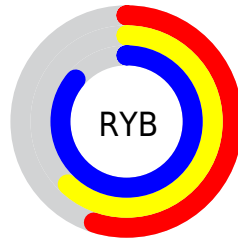
The Hex color **8BA5DC** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **DCC28B**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **C3DCFF**, and **5571A5** is the 20% darker color. If you saturate the color by 10%, you get **7596DC**, and if you desaturate by 10%, it is **A1B4DC**.

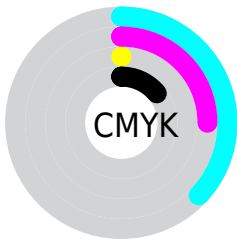
# Distribution



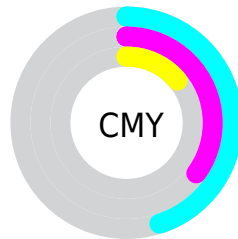
- Red (55%)
- Green (65%)
- Blue (86%)



- Red (55%)
- Yellow (62%)
- Blue (86%)



- Cyan (37%)
- Magenta (25%)
- Yellow (0%)
- Black (14%)



- Cyan (45%)
- Magenta (35%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8BA5DC 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 8BA5DC by changing the saturation by 10% instead.



■ 8BA5DC

■ 8BA5DC

FFFFFF

■ 708BC0

■ C3DCFF

■ 5571A5

■ DFF8FF

■ 3B598A

■ FCFFFF

■ 1E4271

■ 002C58

■ 001840

■ 00032A

■ 000114

■ 000000

 8BA5DC

 8BA5DC

 7596DC

 A1B4DC

 5F87DC

 B7C3DC

 4978DC

 CDD2DC

 3369DC

 E3E1DC

 1D5ADC

 F9F0DC

 074BDC

 FFFFDC

 0047DC

# Harmonies

## Analogous

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



61ADD8



8BA5DC



B29BD1

# Triad

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



8BA5DC



DA9484



71B38F

# Complementary

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



8BA5DC



DCC28B

# 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.



92AE78



8BA5DC



CA9C72

# Square

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



8BA5DC



DC909E



B1A66D



52B4AC

# Rectangle

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



8BA5DC



C795C3



B1A66D



7CB186

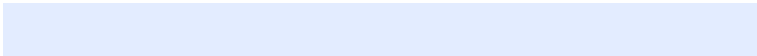


# Sweetspot

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



8BA5DC



E3ECFF



8BDCC1



6F7480



000000



808080



# Same Dimension

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



8BA5DC



8FB3FF



988BDC



63666E



0038AD



000F2E



# Inverse Universe

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



DC8BA5



FF8FB3



CFDC8B



6E6366



AD0038

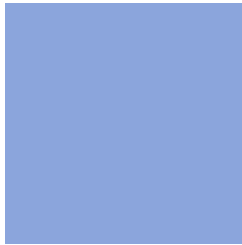


2E000F



# Previews

## White Background



This preview shows how the Hex color 8BA5DC looks on a white background.

## Color Contrast Check

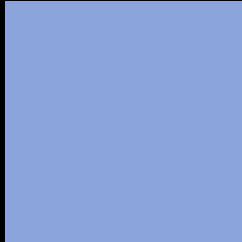
Large Text (above 18pt) WCAG AA × Fail

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 8BA5DC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

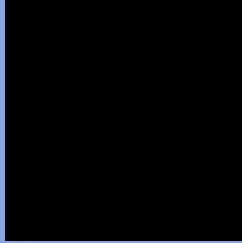
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

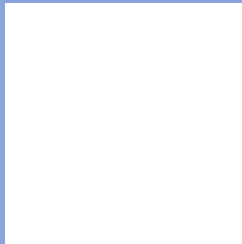
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8BA5DC Background



This preview shows how black text looks on a background with the Hex color 8BA5DC.



This preview shows how white text looks on a background with the Hex color 8BA5DC.

# 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**  
8BA5DC

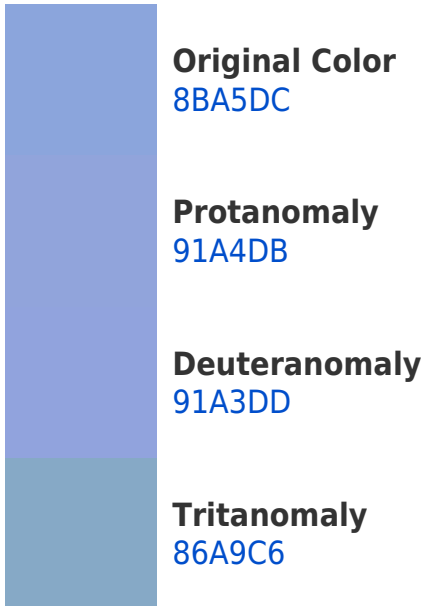
**Protanopia**  
95A3DA

**Deuteranopia**  
95A2DD

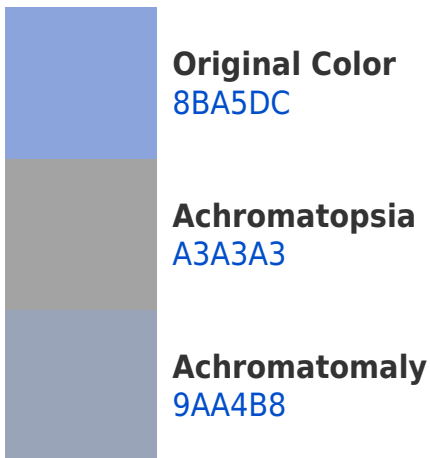


**Tritanopia**  
83ABB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8BA5DC 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 #8BA5DC looks like.

```
.text, #text, p{  
    color:#8BA5DC  
}
```

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 #8BA5DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BA5DC  
}
```

## Border

The CSS property to change the border of an element to Hex 8BA5DC 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  
#8BA5DC }
```

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

```
.border{ border-color:#8BA5DC }
```

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

Here you see how a box with a 4 pixel #8BA5DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BA5DC; -webkit-box-shadow:4px 4px  
4px 4px #8BA5DC; box-shadow:4px 4px 4px  
4px #8BA5DC }
```

# Background

The CSS property to change the background color of an element to Hex 8BA5DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BA5DC }
```

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

```
.background{ background-color:#8BA5DC }
```

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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