

Converting Colors

Hex(8CA5DC)

Have a look what the booklet for
Hex(8CA5DC) contains.

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Color

Hex(8CA5DC)

Conversions

Conversions Part 1

Format	Color
Hex	8CA5DC
RGB	140, 165, 220
RGB Percent	55%, 65%, 86%
CMY	0.4510, 0.3529, 0.1373
CMYK	0.36, 0.25, 0.00, 0.14
HSL	221°, 53%, 71%
HSV	221°, 36%, 86%
XYZ	37.1886, 37.6530, 73.0179
YIQ	163.7950, -32.5550, 11.8050

Conversions

Conversions Part 2

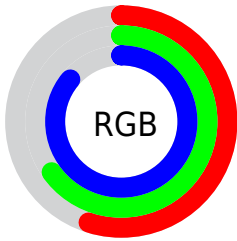
Format	Color
R _{YB}	140, 159, 220
Decimal	9217500
CIE _{Lab}	67.76, 4.65, -30.64
CIE _{LCh}	68, 30.990, 278.629
Yxy	37.6530, 0.2515, 0.2547
Android (android.graphics.Color)	4287407580 (0xFF8CA5DC)
YUV	163.7950, 27.7091, -20.8682
Hunter-Lab	61.3621, 0.7967, -27.5988

Details

The Hex color **8CA5DC** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **DCC38C**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **C4DCFF**, and **5671A5** is the 20% darker color. If you saturate the color by 10%, you get **7696DC**, and if you desaturate by 10%, it is **A2B4DC**.

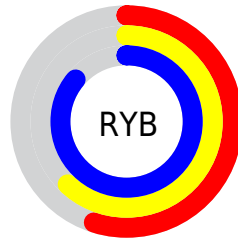
Distribution



Red (55%)

Green (65%)

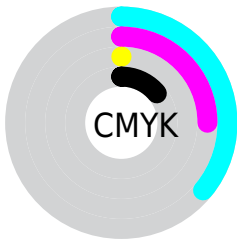
Blue (86%)



Red (55%)

Yellow (62%)

Blue (86%)

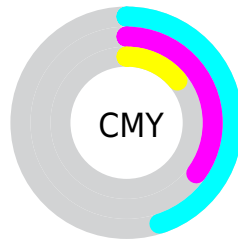


Cyan (36%)

Magenta (25%)

Yellow (0%)

Black (14%)



Cyan (45%)

Magenta (35%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8CA5DC 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 8CA5DC by changing the saturation by 10% instead.

■ 8CA5DC

FFFFFF

■ C4DCFF

■ E0F8FF

FDFFFF

■ 8CA5DC

■ 718BC0

■ 5671A5

■ 3C598A

■ 204271

■ 002C58

■ 001840

■ 00032A

■ 000114

■ 000000

 8CA5DC

 8CA5DC

 7696DC

 A2B4DC

 6087DC

 B8C3DC

 4A78DC


 CED2DC

 3469DC

 E4E2DC

 1E59DC

 FAF1DC

 084ADC

 FFFFDC

 0045DC

Harmonies

Analogous

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



62ADD8



8CA5DC



B39BD1

Triad

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



8CA5DC



D99484



71B390

Complementary

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



8CA5DC



DCC38C

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.



92AE79



8CA5DC



CA9C72

Square

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



8CA5DC



DC909E



B0A66D



52B5AC

Rectangle

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



8CA5DC



C795C3



B0A66D



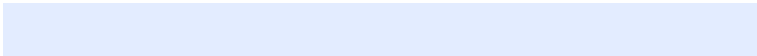
7CB187

Sweetspot

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



8CA5DC



E3ECFF



8CDCC3



6F7480



000000



808080

Same Dimension

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



8CA5DC



8FB2FF



9B8CDC



63666E



0036AD



000E2E

Inverse Universe

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



DC8CA5



FF8FB2



CDDC8C



6E6366



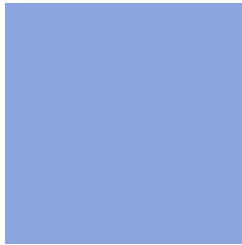
AD0036



2E000E

Previews

White Background



This preview shows how the Hex color 8CA5DC looks on a white background.

Color Contrast Check

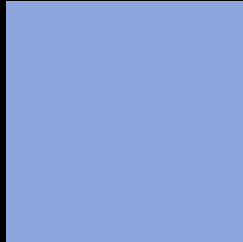
Large Text (above 18pt) WCAG AA × Fail

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 8CA5DC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

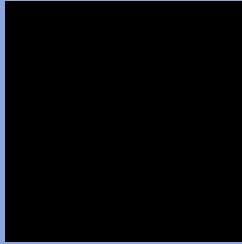
Any Text WCAG AA ✓ Pass

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 8CA5DC Background



This preview shows how black text looks on a background with the Hex color 8CA5DC.



This preview shows how white text looks on a background with the Hex color 8CA5DC.

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
8CA5DC

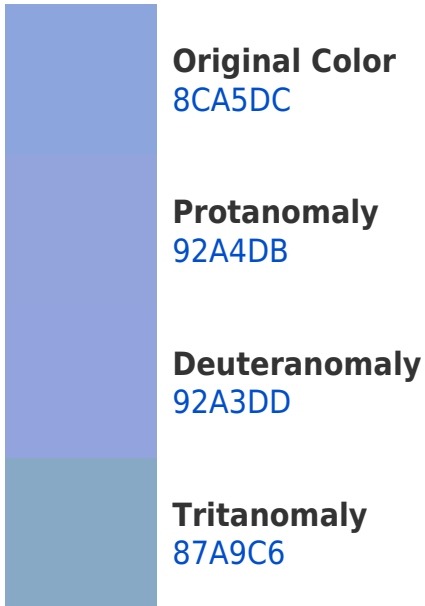
Protanopia
95A3DA

Deuteranopia
96A2DD

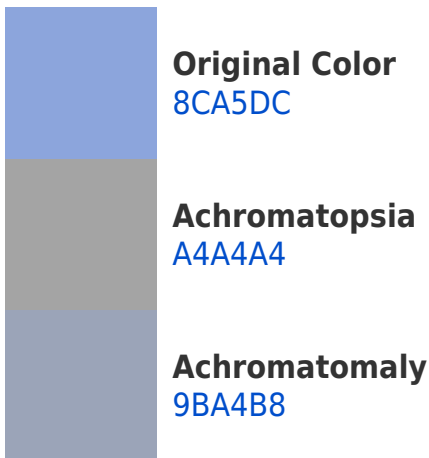


Tritanopia
84ABB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8CA5DC 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 #8CA5DC looks like.

```
.text, #text, p{  
    color:#8CA5DC  
}
```

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 #8CA5DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CA5DC  
}
```

Border

The CSS property to change the border of an element to Hex 8CA5DC 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  
#8CA5DC }
```

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

```
.border{ border-color:#8CA5DC }
```

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

Here you see how a box with a 4 pixel #8CA5DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CA5DC; -webkit-box-shadow:4px 4px  
4px 4px #8CA5DC; box-shadow:4px 4px 4px  
4px #8CA5DC }
```

Background

The CSS property to change the background color of an element to Hex 8CA5DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CA5DC }
```

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

```
.background{ background-color:#8CA5DC }
```

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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