

Converting Colors

Hex(89A7E6)

Have a look what the booklet for
Hex(89A7E6) contains.

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Color

Hex(89A7E6)

Conversions

Conversions Part 1

Format	Color
Hex	89A7E6
RGB	137, 167, 230
RGB Percent	54%, 65%, 90%
CMY	0.4627, 0.3451, 0.0980
CMYK	0.40, 0.27, 0.00, 0.10
HSL	221°, 65%, 72%
HSV	221°, 40%, 90%
XYZ	38.4182, 38.6690, 80.3019
YIQ	165.2120, -38.1030, 13.2330

Conversions

Conversions Part 2

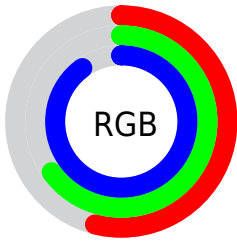
Format	Color
R _Y B	137, 160, 230
Decimal	9021414
CIE Lab	68.51, 5.42, -34.99
CIE LCh	69, 35.406, 278.802
Yxy	38.6690, 0.2441, 0.2457
Android (android.graphics.Color)	4287211494 (0xFF89A7E6)
YUV	165.2120, 31.9405, -24.7419
Hunter-Lab	62.1844, 1.4565, -33.0352

Details

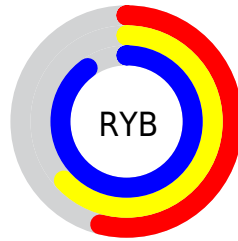
The Hex color **89A7E6** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E6C889**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **C1DEFF**, and **5273AE** is the 20% darker color. If you saturate the color by 10%, you get **7297E6**, and if you desaturate by 10%, it is **A0B7E6**.

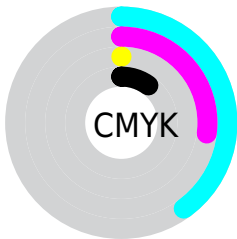
Distribution



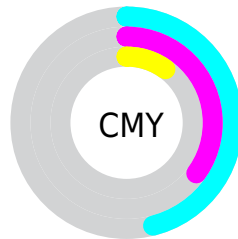
- Red (54%)
- Green (65%)
- Blue (90%)



- Red (54%)
- Yellow (63%)
- Blue (90%)



- Cyan (40%)
- Magenta (27%)
- Yellow (0%)
- Black (10%)



- Cyan (46%)
- Magenta (35%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89A7E6 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 89A7E6 by changing the saturation by 10% instead.

 89A7E6

 89A7E6

FFFFFF

 6E8DCA

 C1DEFF

 5273AE

 DEFAFF

 365B93

 FBFFFF

 154479

 002E60

 001A48

 000431

 00011B

 000000

■ 89A7E6

■ 89A7E6

■ 7297E6

■ A0B7E6

■ 5B88E6

■ B7C6E6

■ 4478E6

■ CED6E6

■ 2D69E6

■ E5E5E6

■ 1659E6

■ FCF5E6

■ 004AE6

■ FFFFE6

Harmonies

Analogous

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



54B1E2



89A7E6



B79BD9

Triad

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



89A7E6



E29381



69B78F

Complementary

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



89A7E6



E6C889

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.



90B174



89A7E6



D09D6C

Square

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



89A7E6



E58E9F



B3A867



40B8B0

Rectangle

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



89A7E6



CE94C9



B3A867



77B585

Sweetspot

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



89A7E6



E0EAFF



89E6C7



6E7380



000000



808080

Same Dimension

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



89A7E6



82AAFF



9889E6



676B73



003AB3



001033

Inverse Universe

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



E689A7



FF82AA



D7E689



73676B



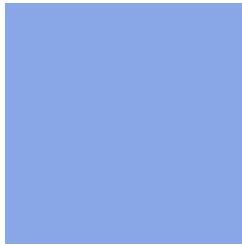
B3003A



330010

Previews

White Background



This preview shows how the Hex color 89A7E6 looks on a white background.

Color Contrast Check

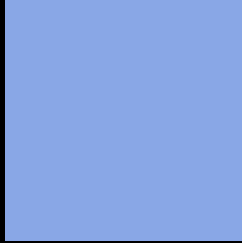
Large Text (above 18pt) WCAG AA × Fail

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 89A7E6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

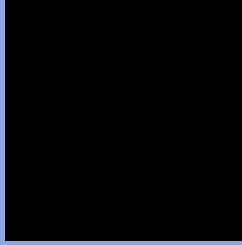
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

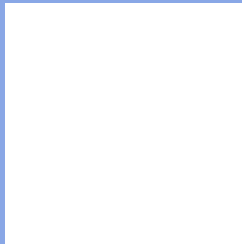
Any Text WCAG AAA ✓ Pass

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

Hex 89A7E6 Background



This preview shows how black text looks on a background with the Hex color 89A7E6.

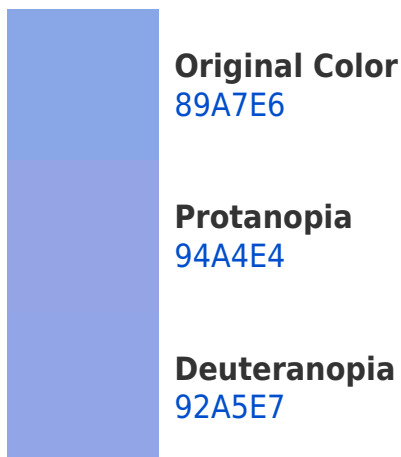


This preview shows how white text looks on a background with the Hex color 89A7E6.

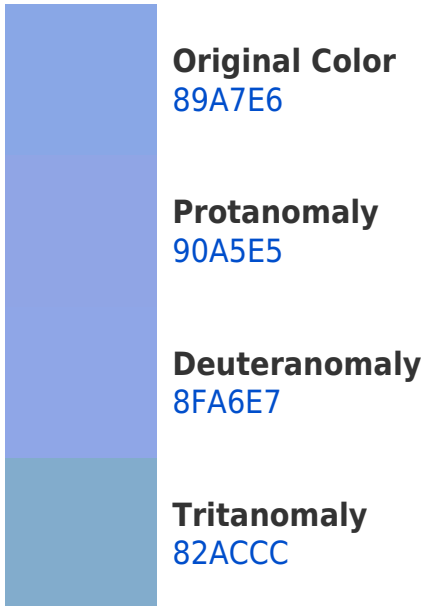
Color Blindness Simulation

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](#).

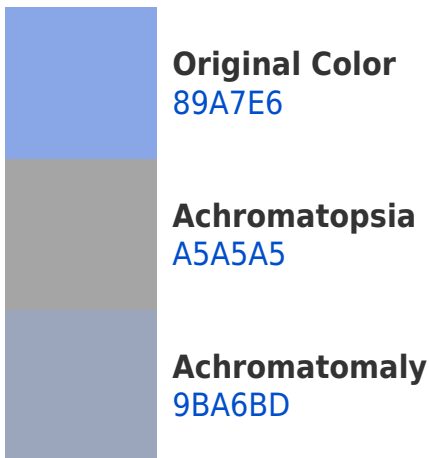
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 89A7E6 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 #89A7E6 looks like.

```
.text, #text, p{  
    color:#89A7E6  
}
```

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 #89A7E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89A7E6
}
```

Border

The CSS property to change the border of an element to Hex 89A7E6 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
#89A7E6 }
```

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

```
.border{ border-color:#89A7E6 }
```

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

Here you see how a box with a 4 pixel #89A7E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89A7E6; -webkit-box-shadow:4px 4px  
4px 4px #89A7E6; box-shadow:4px 4px 4px  
4px #89A7E6 }
```

Background

The CSS property to change the background color of an element to Hex 89A7E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89A7E6 }
```

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

```
.background{ background-color:#89A7E6 }
```

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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