

Converting Colors

Hex(89AECB)

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

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Color

Hex(89AECB)

Conversions

Conversions Part 1

Format	Color
Hex	89AECB
RGB	137, 174, 203
RGB Percent	54%, 68%, 80%
CMY	0.4627, 0.3176, 0.2039
CMYK	0.33, 0.14, 0.00, 0.20
HSL	206°, 39%, 67%
HSV	206°, 33%, 80%
XYZ	36.2321, 39.9023, 62.2922
YIQ	166.2430, -31.3610, 1.1750

Conversions

Conversions Part 2

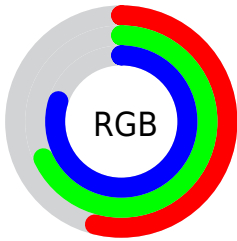
Format	Color
R _Y B	137, 161, 203
Decimal	9023179
CIE Lab	69.40, -5.56, -18.79
CIE LCh	69, 19.596, 253.505
Yxy	39.9023, 0.2617, 0.2883
Android (android.graphics.Color)	4287213259 (0xFF89AECB)
YUV	166.2430, 18.1212, -25.6461
Hunter-Lab	63.1682, -8.1603, -14.2500

Details

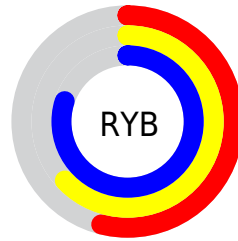
The Hex color **89AECB** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **CBA689**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **C0E5FF**, and **557A95** is the 20% darker color. If you saturate the color by 10%, you get **75A5CB**, and if you desaturate by 10%, it is **9DB7CB**.

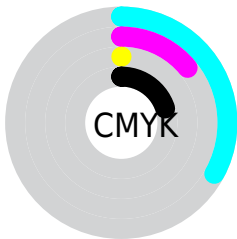
Distribution



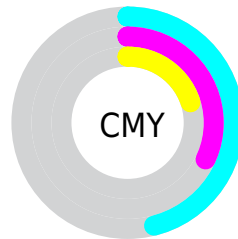
- Red (54%)
- Green (68%)
- Blue (80%)



- Red (54%)
- Yellow (63%)
- Blue (80%)



- Cyan (33%)
- Magenta (14%)
- Yellow (0%)
- Black (20%)



- Cyan (46%)
- Magenta (32%)
- Yellow (20%)

Brightness & Saturation Gradients

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

 89AECB

 89AECB

FFFFFF

 6F93B0

 C0E5FF

 557A95

 DCFFFF

 3B617B

 F9FFFF

 214962

 00334A

 001E33

 00021F

 000001

 000000

 89AECB

 89AECB

 75A5CB

 9DB7CB

 609CCB

 B2C0CB

 4C93CB

 C6C9CB

 388ACB

 DAD2CB

 2481CB

 EFDBC B

 0F78CB

 FFE4CB

 0072CB

 FFECCB

 FFF5CB

 FFFE CB

Harmonies

Analogous

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



7BB2C1



89AECB



A0A8CC

Triad

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



89AECB



CE9DA2



9BB08F

Complementary

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



89AECB



CBA689

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.



AFAB87



89AECB



CCA092

Square

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



89AECB



C79EB4



C0A588



87B39F

Rectangle

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



89AECB



AFA4C7



C0A588



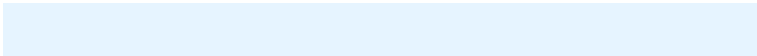
A1AE8C

Sweetspot

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



89AECB



E6F4FF



89CBA6



707980



000000



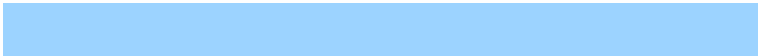
808080

Same Dimension

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



89AECB



9CD3FF



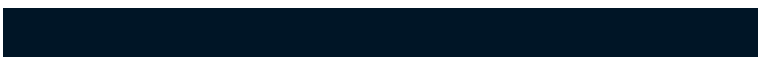
898DCB



5C6266



005DA6



001526

Inverse Universe

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



CB89AE



FF9CD3



CBC789



665C62



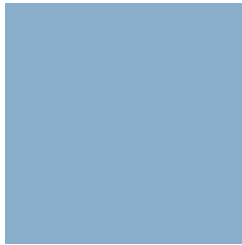
A6005D



260015

Previews

White Background



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

Color Contrast Check

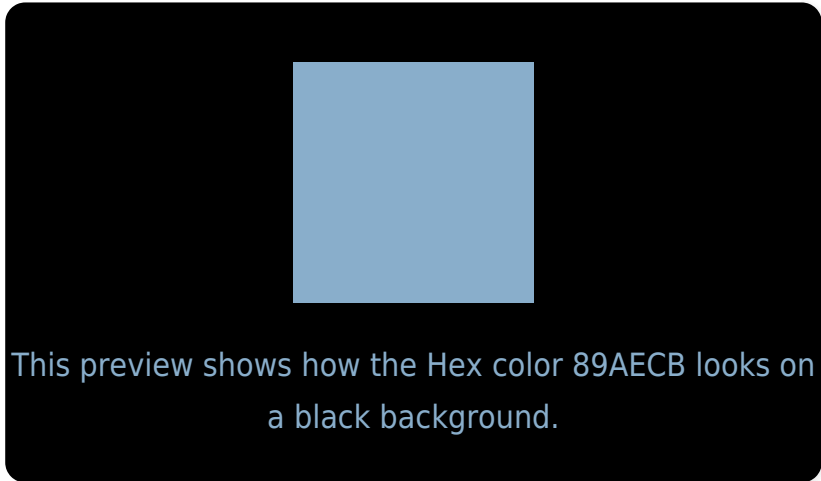
Large Text (above 18pt) WCAG AA × Fail

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

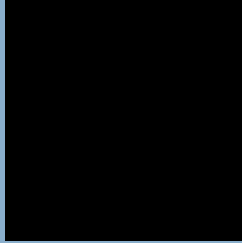
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

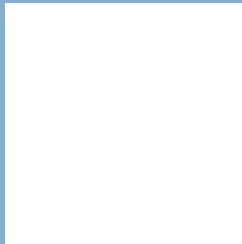
Any Text WCAG AAA ✓ Pass

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

Hex 89AECB Background



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

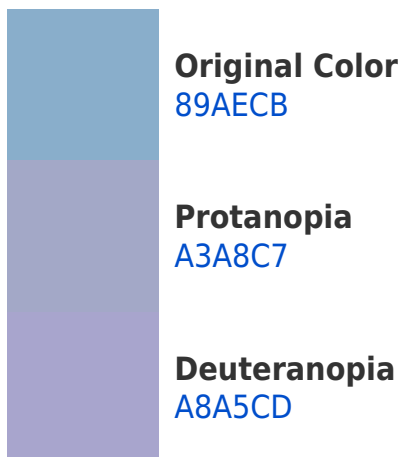


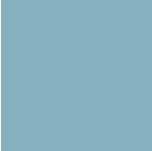
This preview shows how white text looks on a background with the Hex color 89AECB.

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](#).

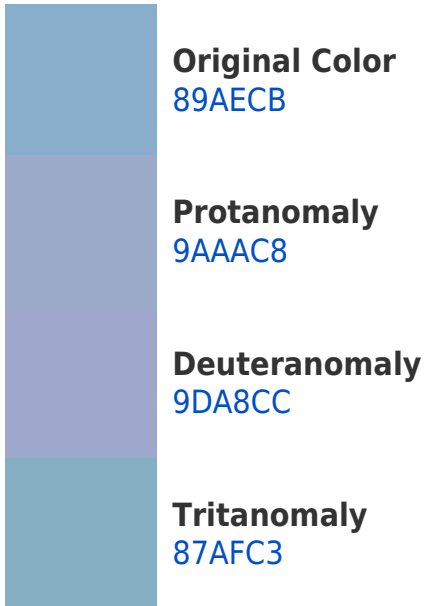
Dichromacy



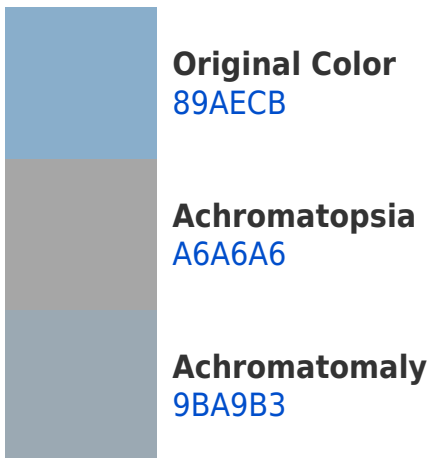


Tritanopia
86B0BE

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #89AECB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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