

Converting Colors

Hex(8EC1E9)

Have a look what the booklet for
Hex(8EC1E9) contains.

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Color

Hex(8EC1E9)

Conversions

Conversions Part 1

Format	Color
Hex	8EC1E9
RGB	142, 193, 233
RGB Percent	56%, 76%, 91%
CMY	0.4431, 0.2431, 0.0863
CMYK	0.39, 0.17, 0.00, 0.09
HSL	206°, 67%, 74%
HSV	206°, 39%, 91%
XYZ	44.9333, 49.7739, 84.3299
YIQ	182.3110, -43.2360, 1.6280

Conversions

Conversions Part 2

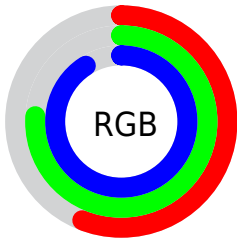
Format	Color
RYB	142, 175, 233
Decimal	9355753
CIELab	75.93, -6.75, -25.17
CIELCh	76, 26.057, 254.996
Yxy	49.7739, 0.2510, 0.2780
Android (android.graphics.Color)	4287545833 (0xFF8EC1E9)
YUV	182.3110, 24.9897, -35.3527
Hunter-Lab	70.5506, -9.7780, -21.4845

Details

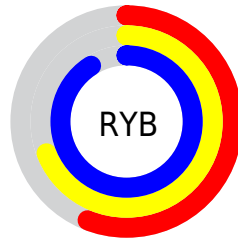
The Hex color **8EC1E9** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E9B68E**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **C6F9FF**, and **578CB1** is the 20% darker color. If you saturate the color by 10%, you get **77B7E9**, and if you desaturate by 10%, it is **A5CBE9**.

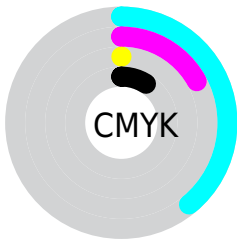
Distribution



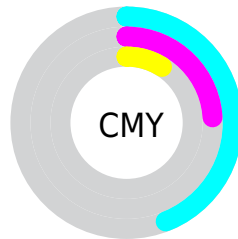
- Red (56%)
- Green (76%)
- Blue (91%)



- Red (56%)
- Yellow (69%)
- Blue (91%)



- Cyan (39%)
- Magenta (17%)
- Yellow (0%)
- Black (9%)



- Cyan (44%)
- Magenta (24%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8EC1E9 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 8EC1E9 by changing the saturation by 10% instead.

■ 8EC1E9

■ 8EC1E9

FFFFFF

■ 72A6CD

■ C6F9FF

■ 578CB1

■ E3FFFF

■ 3B7296

■ 1C5A7C

■ 004263

■ 002C4B

■ 001834

■ 00021F

■ 000002

8EC1E9

8EC1E9

77B7E9

A5CBE9

5FADE9

BDD5E9

48A2E9

D4E0E9

3198E9

EBEAE9

1A8EE9

FFF4E9

0284E9

FFFEE9

0083E9

FFFFE9

Harmonies

Analogous

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



78C6DC



8EC1E9



AFB9E9

Triad

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



8EC1E9



ECAAB0



A5C499

Complementary

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



8EC1E9



E9B68E

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.



C0BD8D



8EC1E9



E8AE9A

Square

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



8EC1E9



E4ABC8



D8B58D



8BC8AE

Rectangle

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



8EC1E9



C4B4E3



D8B58D



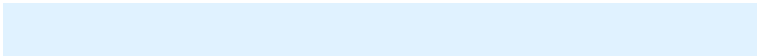
AEC293

Sweetspot

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



8EC1E9



E0F2FF



8EE9B5



6E7880



000000



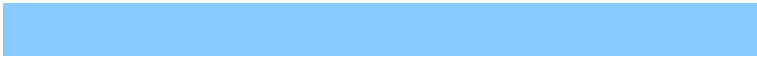
808080

Same Dimension

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



8EC1E9



87CAFF



8E94E9



6A7075



0065B5



001E36

Inverse Universe

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



E98EC1



FF87CA



E9E38E



756A70



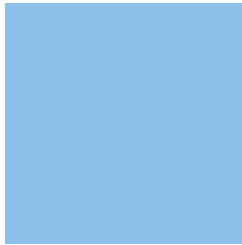
B50065



36001E

Previews

White Background



This preview shows how the Hex color 8EC1E9 looks on a white background.

Color Contrast Check

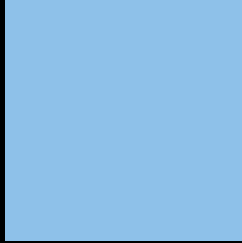
Large Text (above 18pt) WCAG AA × Fail

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 8EC1E9 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 8EC1E9 Background



This preview shows how black text looks on a background with the Hex color 8EC1E9.

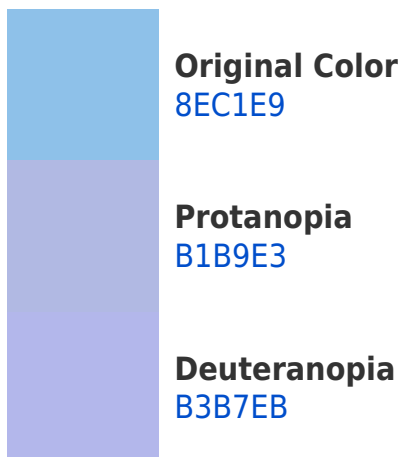


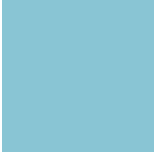
This preview shows how white text looks on a background with the Hex color 8EC1E9.

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](#).

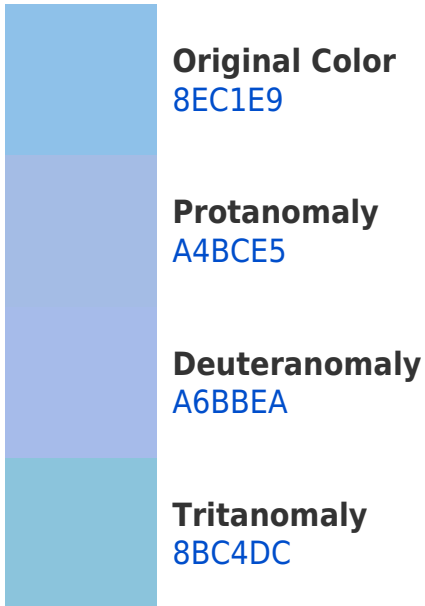
Dichromacy



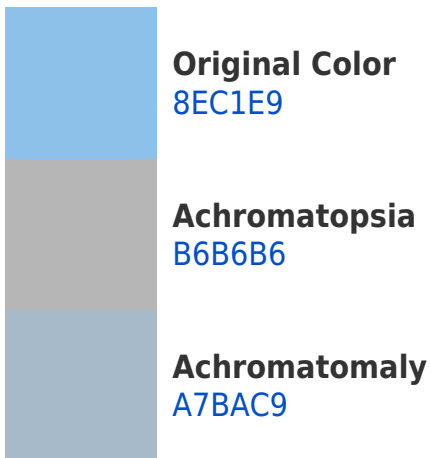


Tritanopia
89C5D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8EC1E9 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 #8EC1E9 looks like.

```
.text, #text, p{  
    color:#8EC1E9  
}
```

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 #8EC1E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EC1E9
}
```

Border

The CSS property to change the border of an element to Hex 8EC1E9 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
#8EC1E9 }
```

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

```
.border{ border-color:#8EC1E9 }
```

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

Here you see how a box with a 4 pixel #8EC1E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EC1E9; -webkit-box-shadow:4px 4px  
4px 4px #8EC1E9; box-shadow:4px 4px 4px  
4px #8EC1E9 }
```

Background

The CSS property to change the background color of an element to Hex 8EC1E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EC1E9 }
```

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

```
.background{ background-color:#8EC1E9 }
```

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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