

Converting Colors

Hex(8EC3DB)

Have a look what the booklet for
Hex(8EC3DB) contains.

Hex(8EC3DB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8EC3DB)

Conversions

Conversions Part 1

Format	Color
Hex	8EC3DB
RGB	142, 195, 219
RGB Percent	56%, 76%, 86%
CMY	0.4431, 0.2353, 0.1412
CMYK	0.35, 0.11, 0.00, 0.14
HSL	199°, 52%, 71%
HSV	199°, 35%, 86%
XYZ	43.4566, 49.8955, 74.3582
YIQ	181.8890, -39.2920, -3.7720

Conversions

Conversions Part 2

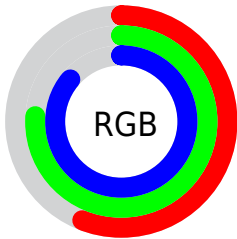
Format	Color
RYB	142, 173, 219
Decimal	9356251
CIELab	76.01, -11.38, -17.50
CIELCh	76, 20.872, 236.951
Yxy	49.8955, 0.2591, 0.2975
Android (android.graphics.Color)	4287546331 (0xFF8EC3DB)
YUV	181.8890, 18.2957, -34.9827
Hunter-Lab	70.6367, -13.7988, -12.9680

Details

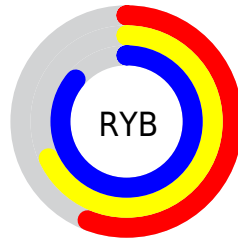
The Hex color **8EC3DB** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DBA68E**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **C6FCFF**, and **588DA4** is the 20% darker color. If you saturate the color by 10%, you get **78BCDB**, and if you desaturate by 10%, it is **A4CADB**.

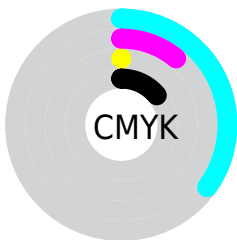
Distribution



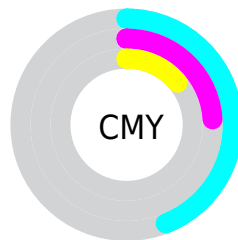
- Red (56%)
- Green (76%)
- Blue (86%)



- Red (56%)
- Yellow (68%)
- Blue (86%)



- Cyan (35%)
- Magenta (11%)
- Yellow (0%)
- Black (14%)



- Cyan (44%)
- Magenta (24%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8EC3DB 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 8EC3DB by changing the saturation by 10% instead.

 8EC3DB

 8EC3DB

FFFFFF

 73A8BF

 C6FCFF

 588DA4

 E3FFFF

 3D748A

 215B70

 004458

 002D40

 00192A

 000116

 000000

8EC3DB

8EC3DB

78BCDB

A4CADB

62B5DB

BAD1DB

4CAFDB

D0D7DB

36A8DB

E6DEDB

21A1DB

FCE5DB

0B9ADB

FFECDB

0097DB

FFF3DB

FFFADB

FFFFDB

Harmonies

Analogous

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



87C6CC



8EC3DB



A3BEE1

Triad

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



8EC3DB



E0AEBE



B7C099

Complementary

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



8EC3DB



DBA68E

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.



CCB995



8EC3DB



E3AFAB

Square

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



8EC3DB



D3B1D1



DCB39C



A1C4A6

Rectangle

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



8EC3DB



B4B9E0



DCB39C



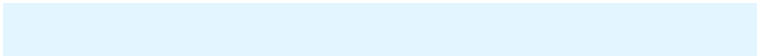
BFBE96

Sweetspot

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



8EC3DB



E3F6FF



8EDBA5



6F7A80



000000



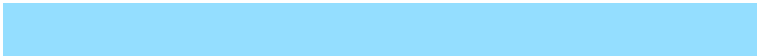
808080

Same Dimension

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



8EC3DB



94DEFF



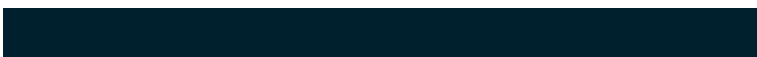
8E9DDB



636A6E



0077AD



00202E

Inverse Universe

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



DB8EC3



FF94DE



DBCC8E



6E636A



AD0077



2E0020

Previews

White Background



This preview shows how the Hex color 8EC3DB looks on a white background.

Color Contrast Check

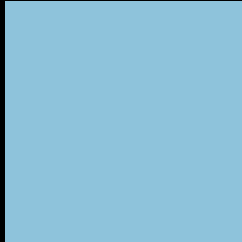
Large Text (above 18pt) WCAG AA × Fail

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 8EC3DB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

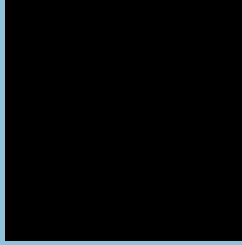
Any Text WCAG AA ✓ Pass

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 8EC3DB Background



This preview shows how black text looks on a background with the Hex color 8EC3DB.

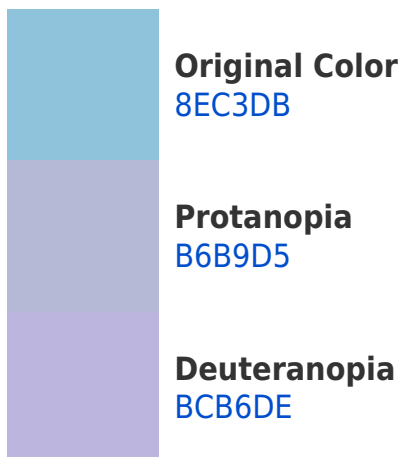


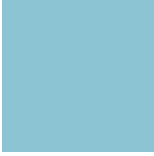
This preview shows how white text looks on a background with the Hex color 8EC3DB.

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](#).

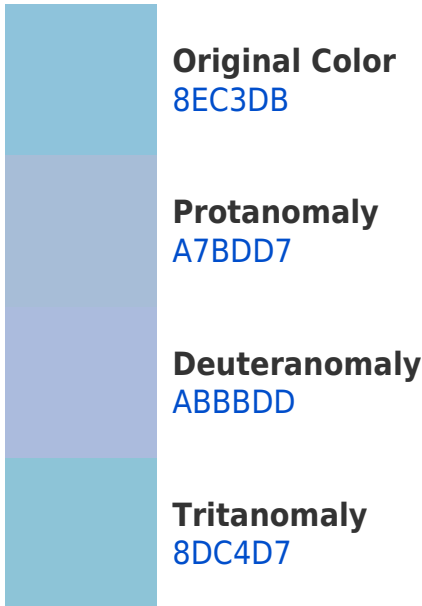
Dichromacy



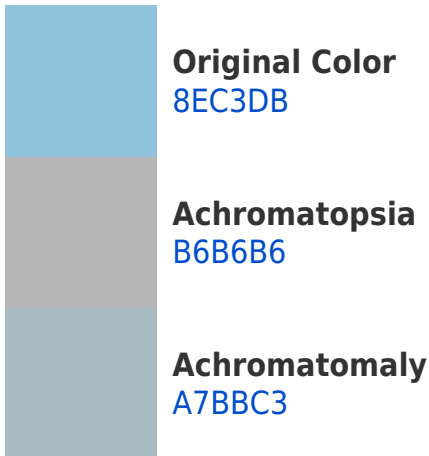


Tritanopia
8CC4D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8EC3DB 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 #8EC3DB looks like.

```
.text, #text, p{  
    color:#8EC3DB  
}
```

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 #8EC3DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EC3DB  
}
```

Border

The CSS property to change the border of an element to Hex 8EC3DB 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  
#8EC3DB }
```

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

```
.border{ border-color:#8EC3DB }
```

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

Here you see how a box with a 4 pixel #8EC3DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EC3DB; -webkit-box-shadow:4px 4px  
4px 4px #8EC3DB; box-shadow:4px 4px 4px  
4px #8EC3DB }
```

Background

The CSS property to change the background color of an element to Hex 8EC3DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EC3DB }
```

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

```
.background{ background-color:#8EC3DB }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor