

# Converting Colors

Hex(8EC9F2)

Have a look what the booklet for  
Hex(8EC9F2) contains.

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# **Color**

**Hex(8EC9F2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8EC9F2
RGB	142, 201, 242
RGB Percent	56%, 79%, 95%
CMY	0.4431, 0.2118, 0.0510
CMYK	0.41, 0.17, 0.00, 0.05
HSL	205°, 79%, 75%
HSV	205°, 41%, 95%
XYZ	48.0690, 53.9349, 91.8814
YIQ	188.0330, -48.3250, 0.2430

# Conversions

## Conversions Part 2

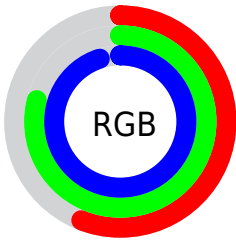
Format	Color
R <sub>Y</sub> B	142, 179, 242
Decimal	9357810
CIE Lab	78.42, -8.64, -26.20
CIE LCh	78, 27.583, 251.754
Yxy	53.9349, 0.2479, 0.2782
Android (android.graphics.Color)	4287547890 (0xFF8EC9F2)
YUV	188.0330, 26.6057, -40.3709
Hunter-Lab	73.4404, -11.6869, -22.7696

# Details

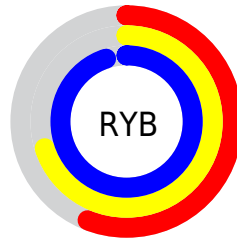
The Hex color **8EC9F2** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F2B78E**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **C7FFFF**, and **5693BA** is the 20% darker color. If you saturate the color by 10%, you get **76BFF2**, and if you desaturate by 10%, it is **A6D3F2**.

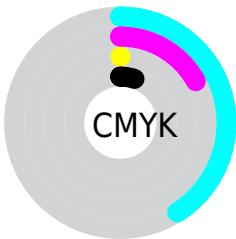
# Distribution



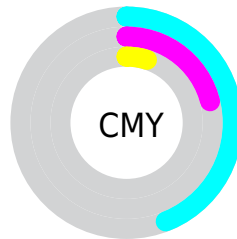
- Red (56%)
- Green (79%)
- Blue (95%)



- Red (56%)
- Yellow (70%)
- Blue (95%)



- Cyan (41%)
- Magenta (17%)
- Yellow (0%)
- Black (5%)



- Cyan (44%)
- Magenta (21%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8EC9F2 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 8EC9F2 by changing the saturation by 10% instead.



■ 8EC9F2

■ 8EC9F2

FFFFFF

■ 72AED6

■ C7FFFF

■ 5693BA

■ E4FFFF

■ 39799F

■ 166184

■ 00496B

■ 003253

■ 001E3B

■ 000226

■ 00010F

■ 8EC9F2

■ 8EC9F2

■ 76BFF2

■ A6D3F2

■ 5EB5F2

■ BEDDF2

■ 45ABF2

■ D7E7F2

■ 2DA1F2

■ EFF1F2

■ 1597F2

■ FFFBF2

■ 008FF2

■ FFFFF2

# Harmonies

## Analogous

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



78CEE3



8EC9F2



B1C1F4

# Triad

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



8EC9F2



F6AFB9



AECB9B

# Complementary

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



8EC9F2



F2B78E

# 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.



CBC490



8EC9F2



F3B3A1

# Square

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



8EC9F2



EBB1D3



E3BB92



91CFB1

# Rectangle

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



8EC9F2



C8BBEE



E3BB92



B8C996



# Sweetspot

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



8EC9F2



E0F2FF



8EF2B6



6E7880



000000



808080

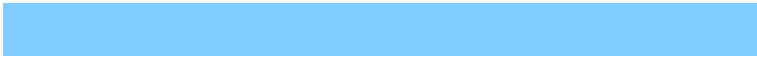


# Same Dimension

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



8EC9F2



80CBFF



8E98F2



6C7378



006CB8



002138



# Inverse Universe

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



F28EC9



FF80CB



F2E88E



786C73



B8006C

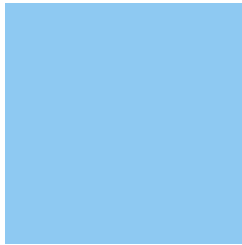


380021



# Previews

## White Background



This preview shows how the Hex color 8EC9F2 looks on a white background.

## Color Contrast Check

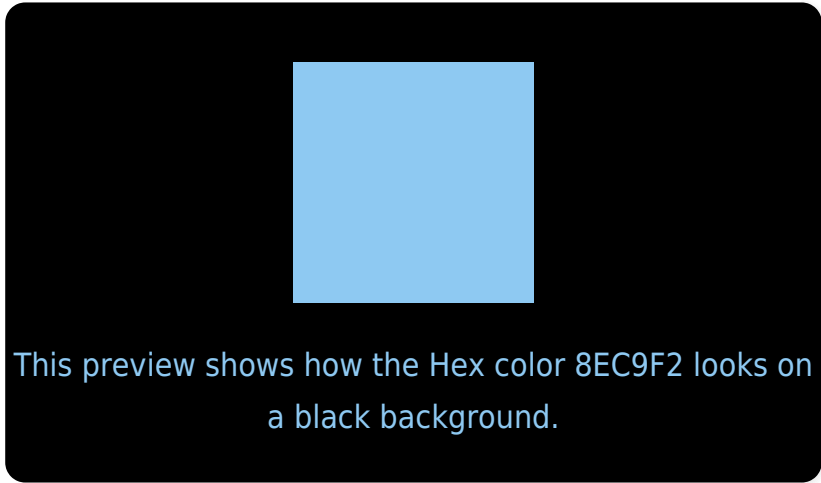
Large Text (above 18pt) WCAG AA × Fail

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

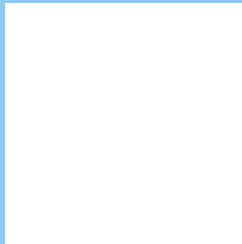
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8EC9F2 Background



This preview shows how black text looks on a background with the Hex color 8EC9F2.

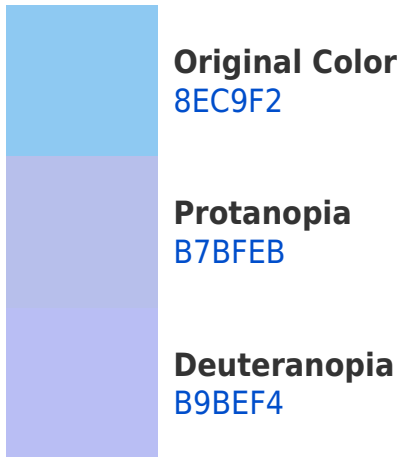


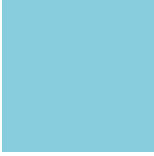
This preview shows how white text looks on a background with the Hex color 8EC9F2.

# 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](#).

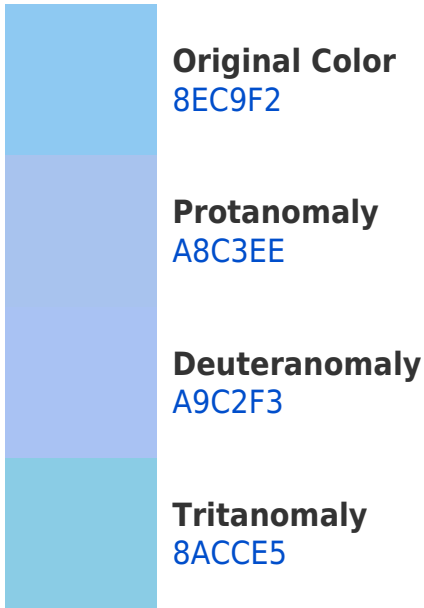
## Dichromacy



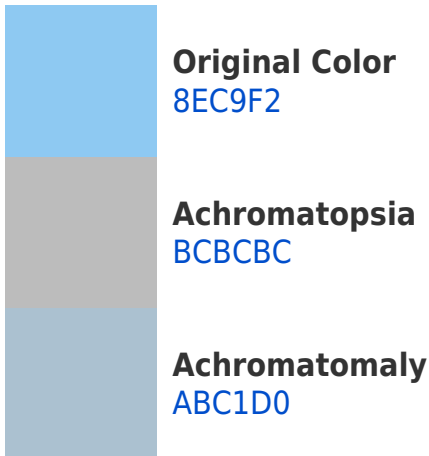


**Tritanopia**  
88CDDD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8EC9F2 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 #8EC9F2 looks like.

```
.text, #text, p{  
    color:#8EC9F2  
}
```

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 #8EC9F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EC9F2
}
```

## Border

The CSS property to change the border of an element to Hex 8EC9F2 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
#8EC9F2 }
```

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

```
.border{ border-color:#8EC9F2 }
```

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

Here you see how a box with a 4 pixel #8EC9F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EC9F2; -webkit-box-shadow:4px 4px  
4px 4px #8EC9F2; box-shadow:4px 4px 4px  
4px #8EC9F2 }
```

# Background

The CSS property to change the background color of an element to Hex 8EC9F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EC9F2 }
```

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

```
.background{ background-color:#8EC9F2 }
```

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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