

Converting Colors

Hex(89B8F1)

Have a look what the booklet for
Hex(89B8F1) contains.

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Color

Hex(89B8F1)

Conversions

Conversions Part 1

Format	Color
Hex	89B8F1
RGB	137, 184, 241
RGB Percent	54%, 72%, 95%
CMY	0.4627, 0.2784, 0.0549
CMYK	0.43, 0.24, 0.00, 0.05
HSL	213°, 79%, 74%
HSV	213°, 43%, 95%
XYZ	43.3342, 45.9502, 89.8044
YIQ	176.4450, -46.3090, 7.7630

Conversions

Conversions Part 2

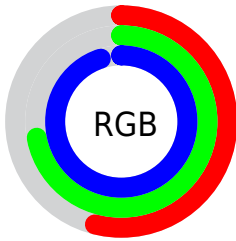
Format	Color
R _Y B	137, 169, 241
Decimal	9025777
CIE Lab	73.51, -1.00, -33.23
CIE LCh	74, 33.243, 268.269
Yxy	45.9502, 0.2420, 0.2566
Android (android.graphics.Color)	4287215857 (0xFF89B8F1)
YUV	176.4450, 31.8256, -34.5933
Hunter-Lab	67.7866, -4.5161, -31.0974

Details

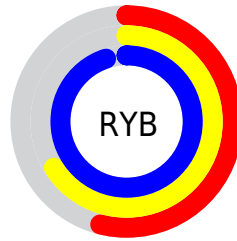
The Hex color **89B8F1** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F1C289**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **C2F0FF**, and **5183B9** is the 20% darker color. If you saturate the color by 10%, you get **71ABF1**, and if you desaturate by 10%, it is **A1C5F1**.

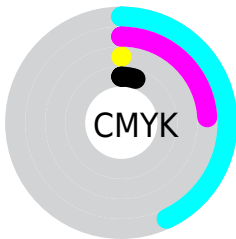
Distribution



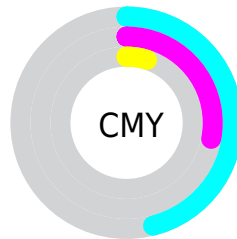
- Red (54%)
- Green (72%)
- Blue (95%)



- Red (54%)
- Yellow (66%)
- Blue (95%)



- Cyan (43%)
- Magenta (24%)
- Yellow (0%)
- Black (5%)



- Cyan (46%)
- Magenta (28%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89B8F1 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 89B8F1 by changing the saturation by 10% instead.

 89B8F1

 89B8F1

FFFFFF

 6D9DD5

 C2F0FF

 5183B9

 DFFFFF

 336A9E

FDFFFF

 0B5283

 003B6A

 002651

 00113A

 000224

 00000C

■ 89B8F1

■ 89B8F1

■ 71ABF1

■ A1C5F1

■ 599EF1

■ B9D2F1

■ 4190F1

■ D1E0F1

■ 2983F1

■ E9EDF1

■ 1076F1

■ FFFAF1

■ 006DF1

■ FFFFF1

Harmonies

Analogous

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



5EC0E8



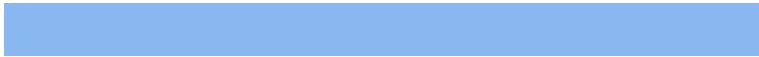
89B8F1



B6ADEA

Triad

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



89B8F1



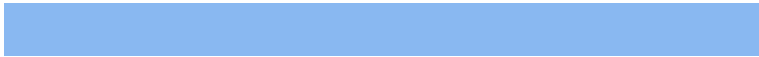
F1A099



88C294

Complementary

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



89B8F1



F1C289

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.



ACBB7E



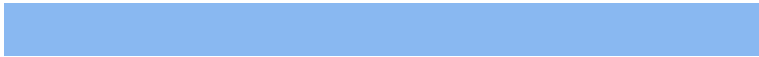
89B8F1



E4A882

Square

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



89B8F1



EE9EB8



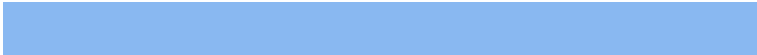
CBB278



65C5B2

Rectangle

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



89B8F1



CFA6DD



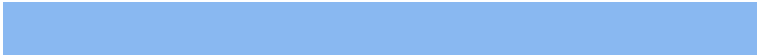
CBB278



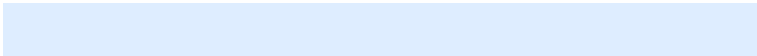
94C08B

Sweetspot

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



89B8F1



DEEDFF



89F1C0



6B7480



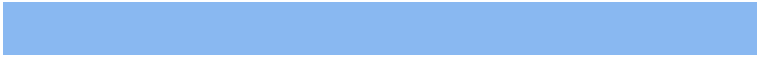
000000



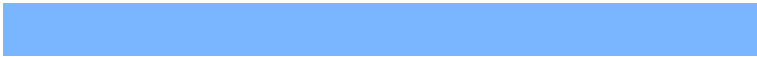
808080

Same Dimension

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



89B8F1



7AB6FF



8C89F1



6C7178



0053B8



001938

Inverse Universe

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



F189B8



FF7AB6



EEF189



786C71



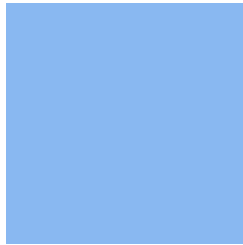
B80053



380019

Previews

White Background



This preview shows how the Hex color 89B8F1 looks on a white background.

Color Contrast Check

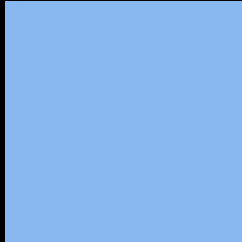
Large Text (above 18pt) WCAG AA × Fail

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 89B8F1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

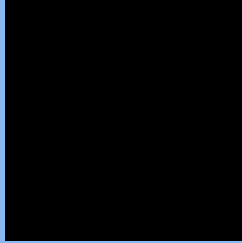
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

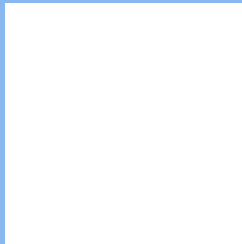
Any Text WCAG AAA ✓ Pass

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

Hex 89B8F1 Background



This preview shows how black text looks on a background with the Hex color 89B8F1.

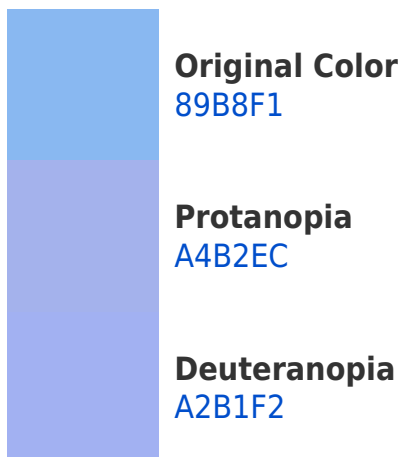


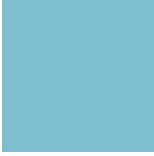
This preview shows how white text looks on a background with the Hex color 89B8F1.

Color Blindness Simulation

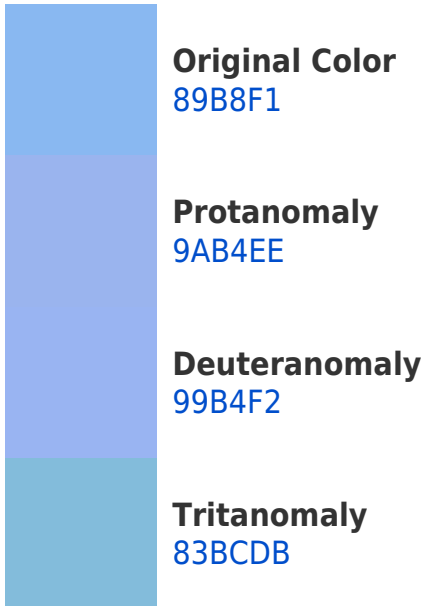
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

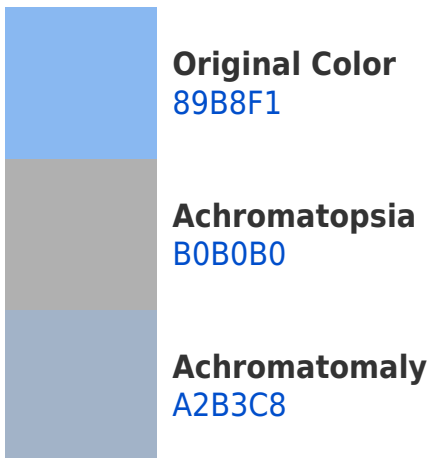




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 89B8F1 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 #89B8F1 looks like.

```
.text, #text, p{  
    color:#89B8F1  
}
```

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 #89B8F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89B8F1
}
```

Border

The CSS property to change the border of an element to Hex 89B8F1 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
#89B8F1 }
```

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

```
.border{ border-color:#89B8F1 }
```

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

Here you see how a box with a 4 pixel #89B8F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89B8F1; -webkit-box-shadow:4px 4px  
4px 4px #89B8F1; box-shadow:4px 4px 4px  
4px #89B8F1 }
```

Background

The CSS property to change the background color of an element to Hex 89B8F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89B8F1 }
```

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

```
.background{ background-color:#89B8F1 }
```

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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