

Converting Colors

RGB(138, 178, 237)

Have a look what the booklet for
RGB(138, 178, 237) contains.

RGB(138, 178, 237)	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

RGB(138, 178, 237)

Conversions

Conversions Part 1

Format	Color
Hex	8AB2ED
RGB	138, 178, 237
RGB Percent	54%, 70%, 93%
CMY	0.4588, 0.3020, 0.0706
CMYK	0.42, 0.25, 0.00, 0.07
HSL	216°, 73%, 74%
HSV	216°, 42%, 93%
XYZ	41.6877, 43.3585, 86.2926
YIQ	172.7660, -42.7790, 9.8690

Conversions

Conversions Part 2

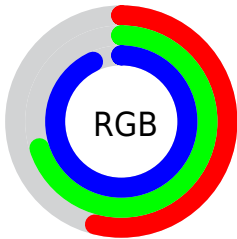
Format	Color
RYB	138, 166, 237
Decimal	9089773
CIELab	71.80, 1.45, -33.71
CIElCh	72, 33.740, 272.469
Yxy	43.3585, 0.2433, 0.2531
Android (android.graphics.Color)	4287279853 (0xFF8AB2ED)
YUV	172.7660, 31.6674, -30.4898
Hunter-Lab	65.8472, -2.2246, -31.6064

Details

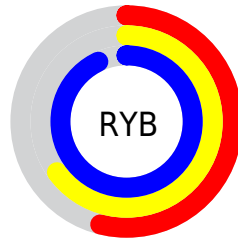
The RGB color **138, 178, 237** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **237, 197, 138**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **195, 234, 255**, and **83, 126, 181** is the 20% darker color. If you saturate the color by 10%, you get **114, 164, 237**, and if you desaturate by 10%, it is **162, 192, 237**.

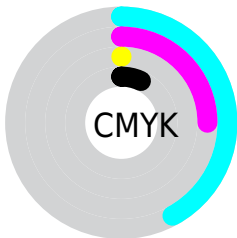
Distribution



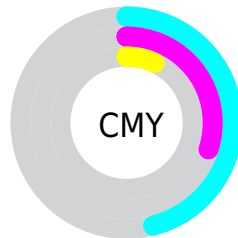
- Red (54%)
- Green (70%)
- Blue (93%)



- Red (54%)
- Yellow (65%)
- Blue (93%)



- Cyan (42%)
- Magenta (25%)
- Yellow (0%)
- Black (7%)



- Cyan (46%)
- Magenta (30%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 138, 178, 237 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 RGB color 138, 178, 237 by changing the saturation by 10% instead.


 138, 178, 237


255, 255, 255


 195, 234, 255


 224, 255, 255

253, 255, 255

 138, 178, 237

 110, 151, 209


 83, 126, 181

 54, 101, 154

 19, 77, 128

 0, 55, 102

 0, 34, 78

 0, 10, 55

 0, 2, 33

 0, 0, 6

■ 138, 178, 237

■ 138, 178, 237

■ 114, 164, 237

■ 162, 192, 237

■ 91, 150, 237

■ 185, 206, 237

■ 67, 136, 237

■ 209, 220, 237

■ 43, 122, 237

■ 233, 234, 237

■ 19, 107, 237

■ 255, 249, 237

■ 0, 96, 237

■ 255, 255, 237

Harmonies

Analogous

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



92, 187, 230



138, 178, 237



183, 167, 228

Triad

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



138, 178, 237



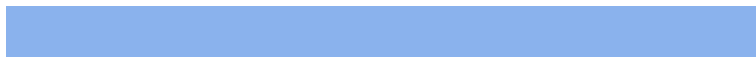
235, 156, 144



125, 190, 147

Complementary

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



138, 178, 237



237, 197, 138

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.



162, 184, 123



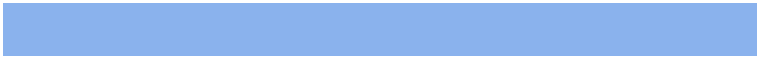
138, 178, 237



221, 164, 122

Square

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



138, 178, 237



235, 153, 174



195, 175, 114



89, 193, 178

Rectangle

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



138, 178, 237



208, 160, 214



195, 175, 114



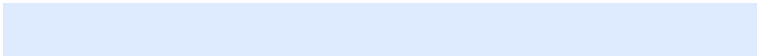
138, 188, 137

Sweetspot

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



138, 178, 237



222, 235, 255



138, 237, 196



107, 115, 128



0, 0, 0



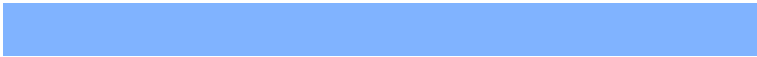
128, 128, 128

Same Dimension

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



138, 178, 237



128, 179, 255



146, 138, 237



106, 110, 117



0, 73, 181



0, 22, 54

Inverse Universe

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



237, 138, 178



255, 128, 179



229, 237, 138



117, 106, 110



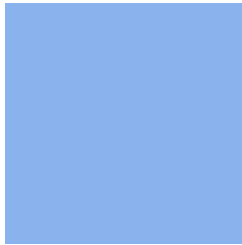
181, 0, 73



54, 0, 22

Previews

White Background



This preview shows how the RGB color 138, 178, 237 looks on a white background.

Color Contrast Check

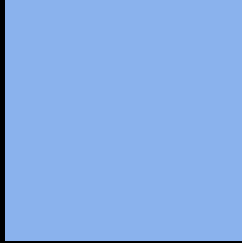
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 138, 178, 237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

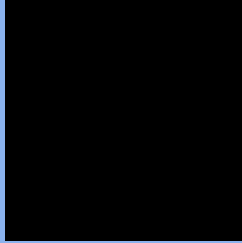
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

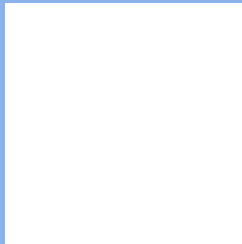
Any Text WCAG AAA ✓ Pass

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

RGB 138, 178, 237 Background



This preview shows how black text looks on a background with the RGB color 138, 178, 237.



This preview shows how white text looks on a background with the RGB color 138, 178, 237.

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](#).

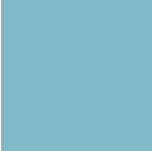
Dichromacy



Original Color
138, 178, 237

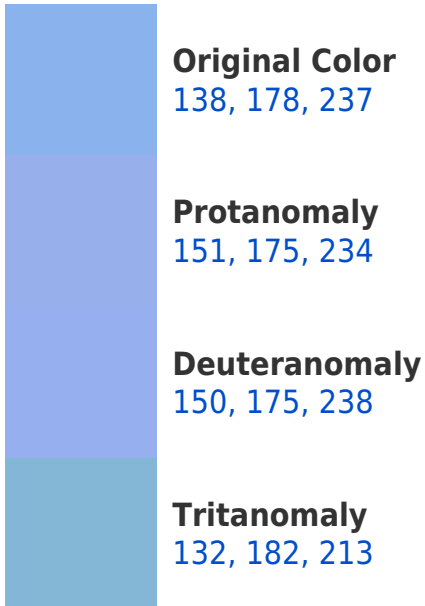
Protanopia
159, 173, 233

Deuteranopia
157, 173, 238

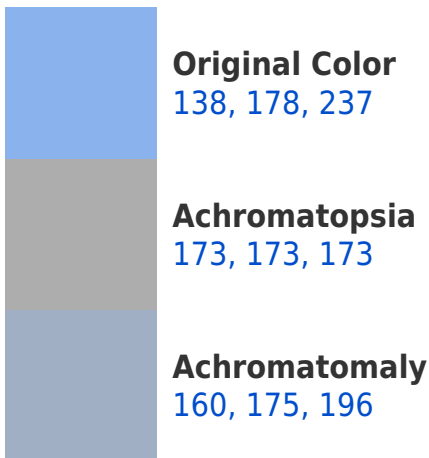


Tritanopia
128, 185, 200

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 138, 178, 237 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 `rgb(138, 178, 237)` looks like.

```
.text, #text, p{  
  color:rgb(138, 178, 237)  
}
```

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 rgb(138, 178, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 178, 237) }
```

Border

The CSS property to change the border of an element to RGB 138, 178, 237 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 rgb(138, 178, 237) }
```

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

```
.border{ border-color:rgb(138, 178, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 178, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 178, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 178, 237);  
box-shadow:4px 4px 4px 4px rgb(138, 178,  
237) }
```

Background

The CSS property to change the background color of an element to RGB 138, 178, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 178, 237) }
```

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

```
.background{ background-color: rgb(138,  
178, 237) }
```

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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