

Converting Colors

RGB(138, 164, 241)

Have a look what the booklet for
RGB(138, 164, 241) contains.

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Color

RGB(138, 164, 241)

Conversions

Conversions Part 1

Format	Color
Hex	8AA4F1
RGB	138, 164, 241
RGB Percent	54%, 64%, 95%
CMY	0.4588, 0.3569, 0.0549
CMYK	0.43, 0.32, 0.00, 0.05
HSL	225°, 79%, 74%
HSV	225°, 43%, 95%
XYZ	39.6339, 38.3051, 88.5238
YIQ	165.0040, -40.2130, 18.4350

Conversions

Conversions Part 2

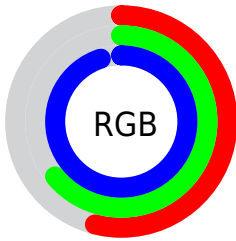
Format	Color
RYB	138, 159, 241
Decimal	9086193
CIELab	68.24, 10.42, -41.42
CIELCh	68, 42.707, 284.127
Yxy	38.3051, 0.2381, 0.2301
Android (android.graphics.Color)	4287276273 (0xFF8AA4F1)
YUV	165.0040, 37.4660, -23.6825
Hunter-Lab	61.8911, 5.9986, -41.4796

Details

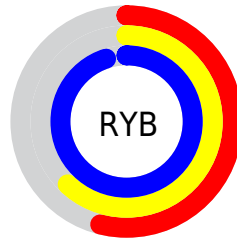
The RGB color **138, 164, 241** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **241, 215, 138**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **195, 219, 255**, and **82, 113, 185** is the 20% darker color. If you saturate the color by 10%, you get **114, 146, 241**, and if you desaturate by 10%, it is **162, 182, 241**.

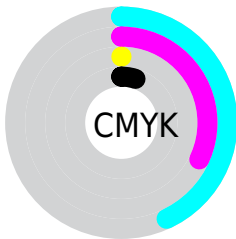
Distribution



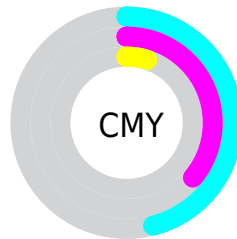
- Red (54%)
- Green (64%)
- Blue (95%)



- Red (54%)
- Yellow (62%)
- Blue (95%)



- Cyan (43%)
- Magenta (32%)
- Yellow (0%)
- Black (5%)



- Cyan (46%)
- Magenta (36%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 138, 164, 241 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, 164, 241 by changing the saturation by 10% instead.


 138, 164, 241


255, 255, 255


 195, 219, 255

 224, 247, 255

254, 255, 255

 138, 164, 241

 110, 138, 212

 82, 113, 185

 53, 88, 157

 14, 65, 131

 0, 44, 105

 0, 24, 81

 0, 3, 57

 0, 2, 35

 0, 0, 10

■ 138, 164, 241

■ 138, 164, 241

■ 114, 146, 241

■ 162, 182, 241

■ 90, 128, 241

■ 186, 200, 241

■ 66, 110, 241

■ 210, 218, 241

■ 42, 92, 241

■ 234, 236, 241

■ 17, 74, 241

■ 255, 254, 241

■ 0, 61, 241

■ 255, 255, 241

Harmonies

Analogous

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



58, 176, 240



138, 164, 241



193, 149, 222

Triad

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



138, 164, 241



233, 144, 114



76, 185, 144

Complementary

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



138, 164, 241



241, 215, 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.



130, 180, 109



138, 164, 241



208, 157, 92

Square

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



138, 164, 241



241, 136, 149



173, 170, 90



0, 187, 184

Rectangle

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



138, 164, 241



219, 141, 201



173, 170, 90



96, 184, 131

Sweetspot

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



138, 164, 241



222, 230, 255



138, 241, 214



107, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

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



138, 164, 241



125, 158, 255



162, 138, 241



108, 111, 120



0, 46, 184



0, 14, 56

Inverse Universe

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



241, 138, 164



255, 125, 158



217, 241, 138



120, 108, 111



184, 0, 46



56, 0, 14

Previews

White Background



This preview shows how the RGB color 138, 164, 241 looks on a white background.

Color Contrast Check

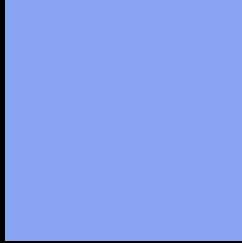
Large Text (above 18pt) WCAG AA × Fail

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, 164, 241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

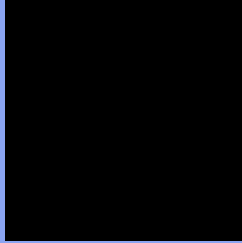
Any Text WCAG AA ✓ Pass

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, 164, 241 Background



This preview shows how black text looks on a background with the RGB color 138, 164, 241.



This preview shows how white text looks on a background with the RGB color 138, 164, 241.

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, 164, 241

Protanopia
141, 163, 240

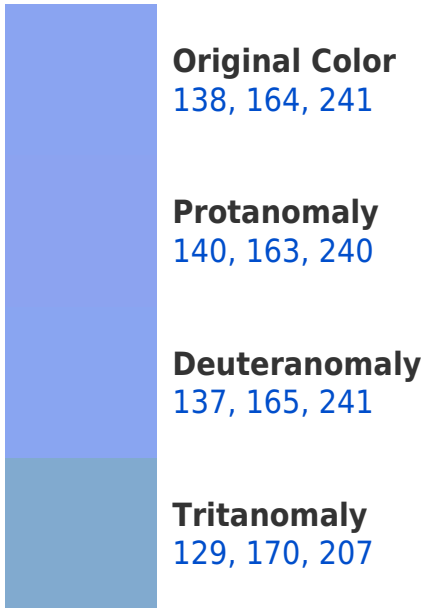
Deuteranopia
136, 165, 241



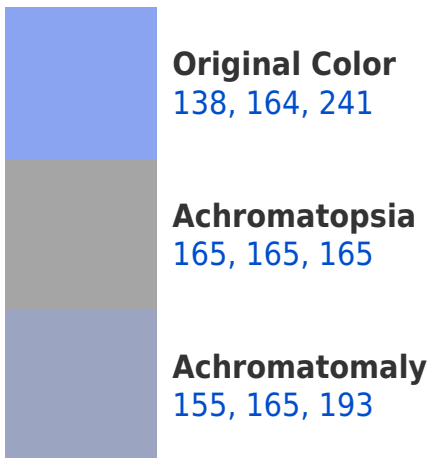
Tritanopia

124, 174, 188

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 138, 164, 241 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, 164, 241)` looks like.

```
.text, #text, p{  
    color:rgb(138, 164, 241)  
}
```

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, 164, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 164, 241) }
```

Border

The CSS property to change the border of an element to RGB 138, 164, 241 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, 164, 241) }
```

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

```
.border{ border-color:rgb(138, 164, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 164, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 164, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 164, 241);  
box-shadow:4px 4px 4px 4px rgb(138, 164,  
241) }
```

Background

The CSS property to change the background color of an element to RGB 138, 164, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 164, 241) }
```

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

```
.background{ background-color: rgb(138,  
164, 241) }
```

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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