

Converting Colors

RGB(137, 148, 235)

Have a look what the booklet for
RGB(137, 148, 235) contains.

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Color

RGB(137, 148, 235)

Conversions

Conversions Part 1

Format	Color
Hex	8994EB
RGB	137, 148, 235
RGB Percent	54%, 58%, 92%
CMY	0.4627, 0.4196, 0.0784
CMYK	0.42, 0.37, 0.00, 0.08
HSL	233°, 71%, 73%
HSV	233°, 42%, 92%
XYZ	35.9018, 32.4963, 82.9775
YIQ	154.6290, -34.4830, 24.7250

Conversions

Conversions Part 2

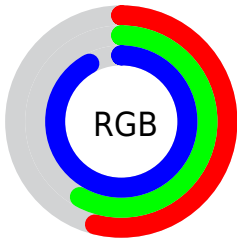
Format	Color
R _Y B	137, 147, 235
Decimal	9016555
CIE Lab	63.75, 17.68, -45.18
CIE LCh	64, 48.517, 291.371
Yxy	32.4963, 0.2372, 0.2147
Android (android.graphics.Color)	4287206635 (0xFF8994EB)
YUV	154.6290, 39.6229, -15.4606
Hunter-Lab	57.0056, 12.6587, -46.3988

Details

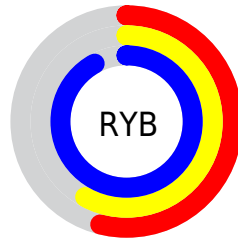
The RGB color **137, 148, 235** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **235, 224, 137**, and the grayscale version is **154, 154, 154**.

A 20% lighter version of the original color is **194, 202, 255**, and **81, 98, 179** is the 20% darker color. If you saturate the color by 10%, you get **114, 127, 235**, and if you desaturate by 10%, it is **161, 169, 235**.

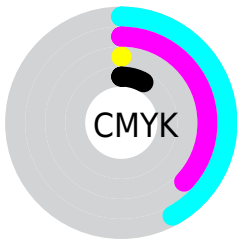
Distribution



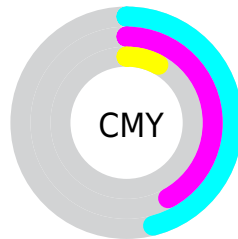
- Red (54%)
- Green (58%)
- Blue (92%)



- Red (54%)
- Yellow (58%)
- Blue (92%)



- Cyan (42%)
- Magenta (37%)
- Yellow (0%)
- Black (8%)



- Cyan (46%)
- Magenta (42%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 137, 148, 235 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 137, 148, 235 by changing the saturation by 10% instead.


 137, 148, 235


255, 255, 255


 194, 202, 255

 223, 230, 255

 252, 255, 255

 137, 148, 235

 109, 122, 207

 81, 98, 179

 52, 74, 152

 15, 52, 125


 0, 31, 100

 0, 9, 75


 0, 4, 52


 0, 2, 30


 0, 0, 0

 137, 148, 235

 137, 148, 235

 114, 127, 235

 161, 169, 235


 90, 106, 235

 184, 190, 235

 66, 85, 235

 208, 211, 235

 43, 65, 235

 231, 231, 235

 19, 44, 235

 255, 252, 235

 0, 26, 235

 255, 255, 235

Harmonies

Analogous

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



18, 163, 240



137, 148, 235



196, 131, 209

Triad

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



137, 148, 235



221, 132, 88



0, 175, 140

Complementary

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



137, 148, 235



235, 224, 137

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.



98, 171, 98



137, 148, 235



190, 148, 66

Square

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



137, 148, 235



235, 119, 125



149, 161, 70



0, 176, 185

Rectangle

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



137, 148, 235



220, 122, 183



149, 161, 70



46, 174, 125

Sweetspot

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



137, 148, 235



222, 226, 255



137, 235, 224



107, 109, 128



0, 0, 0



128, 128, 128

Same Dimension

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



137, 148, 235



128, 142, 255



175, 137, 235



106, 107, 117



0, 20, 181



0, 6, 54

Inverse Universe

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



235, 137, 148



255, 128, 142



197, 235, 137



117, 106, 107



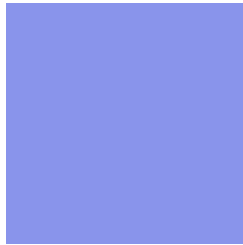
181, 0, 20



54, 0, 6

Previews

White Background



This preview shows how the RGB color 137, 148, 235 looks on a white background.

Color Contrast Check

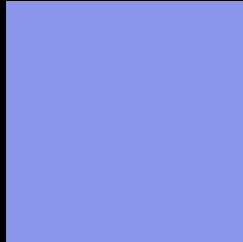
Large Text (above 18pt) WCAG AA × Fail

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 137, 148, 235 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 137, 148, 235 Background



This preview shows how black text looks on a background with the RGB color 137, 148, 235.



This preview shows how white text looks on a background with the RGB color 137, 148, 235.

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
137, 148, 235

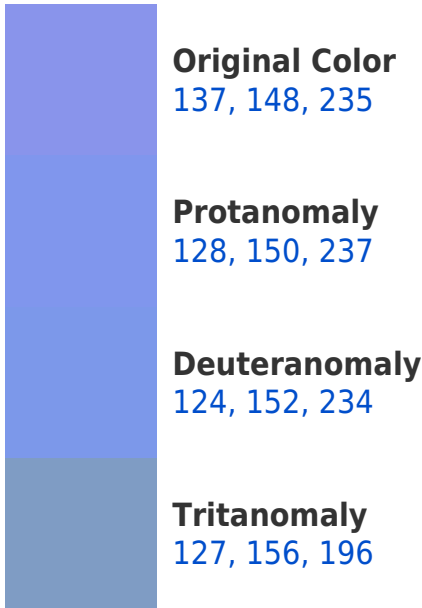
Protanopia
123, 151, 238

Deuteranopia
116, 154, 234

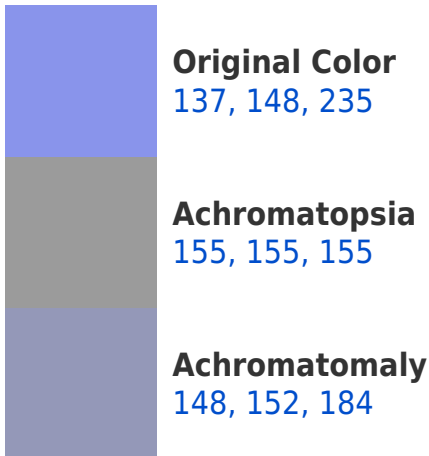


Tritanopia
121, 161, 174

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 137, 148, 235 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(137, 148, 235)` looks like.

```
.text, #text, p{  
    color:rgb(137, 148, 235)  
}
```

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(137, 148, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 148, 235) }
```

Border

The CSS property to change the border of an element to RGB 137, 148, 235 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(137, 148, 235) }
```

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

```
.border{ border-color:rgb(137, 148, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 148, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 148, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 148, 235);  
box-shadow:4px 4px 4px 4px rgb(137, 148,  
235) }
```

Background

The CSS property to change the background color of an element to RGB 137, 148, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 148, 235) }
```

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

```
.background{ background-color: rgb(137,  
148, 235) }
```

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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