

Converting Colors

RGB(149, 182, 248)

Have a look what the booklet for
RGB(149, 182, 248) contains.

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Color

RGB(149, 182, 248)

Conversions

Conversions Part 1

Format	Color
Hex	95B6F8
RGB	149, 182, 248
RGB Percent	58%, 71%, 97%
CMY	0.4157, 0.2863, 0.0275
CMYK	0.40, 0.27, 0.00, 0.03
HSL	220°, 88%, 78%
HSV	220°, 40%, 97%
XYZ	46.0657, 46.6228, 95.3781
YIQ	179.6570, -40.8540, 13.5300

Conversions

Conversions Part 2

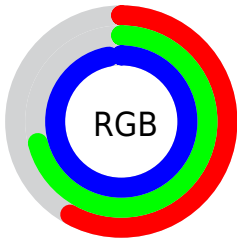
Format	Color
RYB	149, 174, 248
Decimal	9811704
CIELab	73.95, 5.04, -36.28
CIElCh	74, 36.630, 277.915
Yxy	46.6228, 0.2449, 0.2479
Android (android.graphics.Color)	4288001784 (0xFF95B6F8)
YUV	179.6570, 33.6931, -26.8862
Hunter-Lab	68.2809, 0.9334, -35.0226

Details

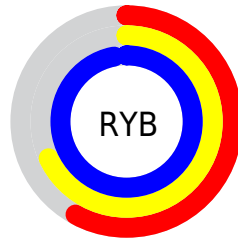
The RGB color **149, 182, 248** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **248, 215, 149**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **206, 238, 255**, and **94, 129, 191** is the 20% darker color. If you saturate the color by 10%, you get **124, 165, 248**, and if you desaturate by 10%, it is **174, 199, 248**.

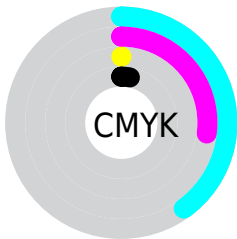
Distribution



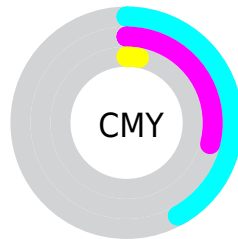
- Red (58%)
- Green (71%)
- Blue (97%)



- Red (58%)
- Yellow (68%)
- Blue (97%)



- Cyan (40%)
- Magenta (27%)
- Yellow (0%)
- Black (3%)




- Cyan (42%)
- Magenta (29%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RGB color 149, 182, 248 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 149, 182, 248 by changing the saturation by 10% instead.


 149, 182, 248


255, 255, 255


 206, 238, 255

 235, 255, 255

 149, 182, 248

 121, 155, 219


 94, 129, 191

 65, 104, 164

 35, 81, 137

 0, 58, 112

 0, 37, 87

 0, 15, 63

 0, 3, 41

 0, 1, 19

■ 149, 182, 248

■ 149, 182, 248

■ 124, 165, 248

■ 174, 199, 248

■ 99, 149, 248

■ 199, 215, 248

■ 75, 132, 248

■ 223, 232, 248

■ 50, 116, 248

■ 248, 248, 248

■ 25, 99, 248

■ 255, 255, 248

■ 0, 83, 248

■ 0, 83, 248

Harmonies

Analogous

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



95, 192, 243



149, 182, 248



198, 170, 235

Triad

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



149, 182, 248



244, 161, 142



118, 198, 155

Complementary

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



149, 182, 248



248, 215, 149

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.



159, 192, 128



149, 182, 248



226, 171, 120

Square

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



149, 182, 248



247, 156, 174



196, 183, 114



77, 200, 190

Rectangle

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



149, 182, 248



222, 162, 218



196, 183, 114



132, 196, 145

Sweetspot

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



149, 182, 248



224, 235, 255



149, 248, 215



110, 116, 128



0, 0, 0



128, 128, 128

Same Dimension

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



149, 182, 248



133, 173, 255



165, 149, 248



112, 117, 125



0, 63, 189



0, 20, 61

Inverse Universe

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



248, 149, 182



255, 133, 173



232, 248, 149



125, 112, 117



189, 0, 63



61, 0, 20

Previews

White Background



This preview shows how the RGB color 149, 182, 248 looks on a white background.

Color Contrast Check

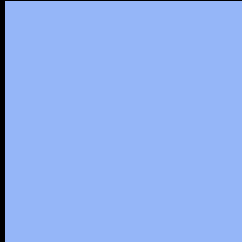
Large Text (above 18pt) WCAG AA × Fail

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 149, 182, 248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

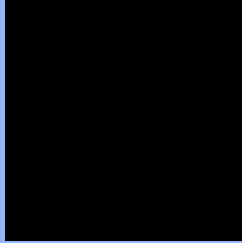
Any Text WCAG AA ✓ Pass

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 149, 182, 248 Background



This preview shows how black text looks on a background with the RGB color 149, 182, 248.



This preview shows how white text looks on a background with the RGB color 149, 182, 248.

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

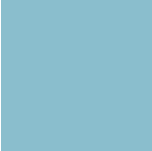
149, 182, 248

Protanopia

162, 179, 246

Deuteranopia

160, 179, 249



Tritanopia
138, 190, 205

Trichromacy



Original Color

149, 182, 248

Protanomaly

157, 180, 247

Deuteranomaly

156, 180, 249

Tritanomaly

142, 187, 221

Monochromacy



Original Color

149, 182, 248

Achromatopsia

180, 180, 180

Achromatomaly

169, 181, 205

CSS Examples

Text

The CSS property to change the color of the text to RGB 149, 182, 248 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(149, 182, 248)` looks like.

```
.text, #text, p{  
    color:rgb(149, 182, 248)  
}
```

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(149, 182, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 182, 248) }
```

Border

The CSS property to change the border of an element to RGB 149, 182, 248 is called "border". The border property can be set on classes, ids or directly on the HTML element.

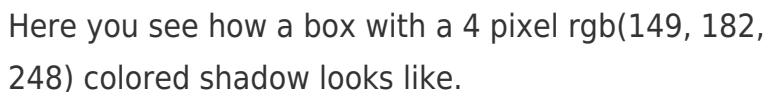
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(149, 182, 248) }
```

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

```
.border{ border-color:rgb(149, 182, 248) }
```

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



Here you see how a box with a 4 pixel `rgb(149, 182, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(149, 182, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(149, 182, 248); box-shadow:4px 4px 4px 4px rgb(149, 182, 248) }
```

Background

The CSS property to change the background color of an element to RGB 149, 182, 248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 182, 248) }
```

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

```
.background{ background-color: rgb(149,  
182, 248) }
```

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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