

Converting Colors

RGB(154, 183, 248)

Have a look what the booklet for
RGB(154, 183, 248) contains.

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Color

RGB(154, 183, 248)

Conversions

Conversions Part 1

Format	Color
Hex	9AB7F8
RGB	154, 183, 248
RGB Percent	60%, 72%, 97%
CMY	0.3961, 0.2824, 0.0275
CMYK	0.38, 0.26, 0.00, 0.03
HSL	221°, 87%, 79%
HSV	221°, 38%, 97%
XYZ	47.2032, 47.5143, 95.4902
YIQ	181.7390, -38.1490, 14.0670

Conversions

Conversions Part 2

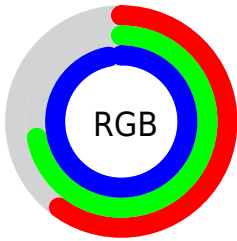
Format	Color
RYB	154, 176, 248
Decimal	10139640
CIELab	74.52, 5.79, -35.37
CIELCh	75, 35.845, 279.303
Yxy	47.5143, 0.2482, 0.2498
Android (android.graphics.Color)	4288329720 (0xFF9AB7F8)
YUV	181.7390, 32.6667, -24.3271
Hunter-Lab	68.9306, 1.6069, -33.8836

Details

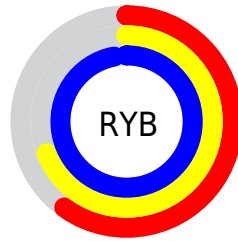
The RGB color **154, 183, 248** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **248, 219, 154**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **211, 239, 255**, and **99, 130, 191** is the 20% darker color. If you saturate the color by 10%, you get **129, 166, 248**, and if you desaturate by 10%, it is **179, 200, 248**.

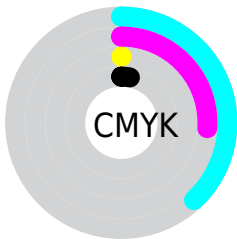
Distribution



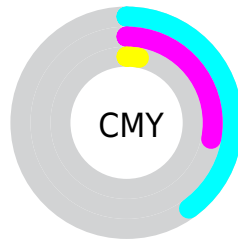
- Red (60%)
- Green (72%)
- Blue (97%)



- Red (60%)
- Yellow (69%)
- Blue (97%)



- Cyan (38%)
- Magenta (26%)
- Yellow (0%)
- Black (3%)



- Cyan (40%)
- Magenta (28%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RGB color 154, 183, 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 154, 183, 248 by changing the saturation by 10% instead.

■ 154, 183, 248

255, 255, 255

■ 211, 239, 255

■ 240, 255, 255

■ 154, 183, 248

■ 126, 156, 219

■ 99, 130, 191

■ 71, 105, 164

■ 42, 81, 138

■ 1, 59, 112

■ 0, 37, 87

■ 0, 17, 63

■ 0, 3, 41

■ 0, 1, 19

■ 154, 183, 248

■ 154, 183, 248

■ 129, 166, 248

■ 179, 200, 248

■ 104, 149, 248

■ 204, 217, 248

■ 80, 132, 248

■ 228, 234, 248

■ 55, 114, 248

■ 253, 252, 248

■ 30, 97, 248

■ 255, 255, 248

■ 5, 80, 248

■ 0, 77, 248

Harmonies

Analogous

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



102, 193, 244



154, 183, 248



201, 171, 234

Triad

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



154, 183, 248



244, 163, 143



120, 199, 159

Complementary

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



154, 183, 248



248, 219, 154

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, 194, 131



154, 183, 248



225, 173, 122

Square

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



154, 183, 248



248, 158, 174



196, 185, 118



81, 201, 193

Rectangle

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



154, 183, 248



224, 164, 217



196, 185, 118



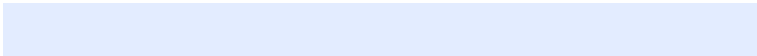
133, 198, 149

Sweetspot

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



154, 183, 248



227, 236, 255



154, 248, 218



111, 116, 128



0, 0, 0



128, 128, 128

Same Dimension

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



154, 183, 248



140, 176, 255



171, 154, 248



112, 116, 125



0, 58, 189



0, 19, 61

Inverse Universe

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



248, 154, 183



255, 140, 176



231, 248, 154



125, 112, 116



189, 0, 58



61, 0, 19

Previews

White Background



This preview shows how the RGB color 154, 183, 248 looks on a white background.

Color Contrast Check

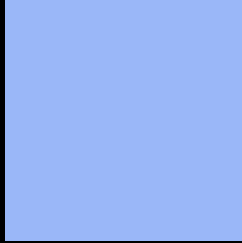
Large Text (above 18pt) WCAG AA × Fail

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 154, 183, 248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

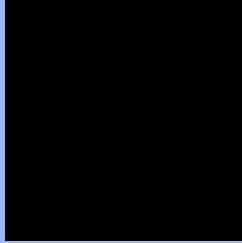
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

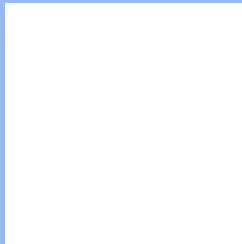
Any Text WCAG AAA ✓ Pass

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

RGB 154, 183, 248 Background



This preview shows how black text looks on a background with the RGB color 154, 183, 248.



This preview shows how white text looks on a background with the RGB color 154, 183, 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](#).

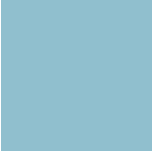
Dichromacy



Original Color
154, 183, 248

Protanopia
164, 181, 246

Deuteranopia
163, 180, 249



Tritanopia
144, 191, 206

Trichromacy



Original Color
154, 183, 248

Protanomaly
160, 182, 247

Deuteranomaly
160, 181, 249

Tritanomaly
148, 188, 221

Monochromacy



Original Color
154, 183, 248

Achromatopsia
182, 182, 182

Achromatomaly
172, 182, 206

CSS Examples

Text

The CSS property to change the color of the text to RGB 154, 183, 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(154, 183, 248)` looks like.

```
.text, #text, p{  
    color:rgb(154, 183, 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(154, 183, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 183, 248) }
```

Border

The CSS property to change the border of an element to RGB 154, 183, 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(154, 183, 248) }
```

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

```
.border{ border-color:rgb(154, 183, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 183, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 183, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 183, 248);  
box-shadow:4px 4px 4px 4px rgb(154, 183,  
248) }
```

Background

The CSS property to change the background color of an element to RGB 154, 183, 248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 183, 248) }
```

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

```
.background{ background-color: rgb(154,  
183, 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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