

# Converting Colors

RGB(141, 178, 249)

Have a look what the booklet for  
RGB(141, 178, 249) contains.

<b>RGB(141, 178, 249)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**RGB(141, 178, 249)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8DB2F9
RGB	141, 178, 249
RGB Percent	55%, 70%, 98%
CMY	0.4471, 0.3020, 0.0235
CMYK	0.43, 0.29, 0.00, 0.02
HSL	219°, 90%, 76%
HSV	219°, 43%, 98%
XYZ	44.0038, 44.3431, 95.8624
YIQ	175.0310, -44.8430, 14.2370

# Conversions

## Conversions Part 2

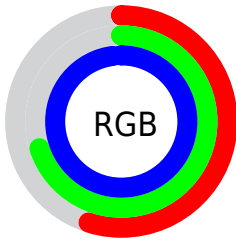
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	141, 169, 249
Decimal	9286393
CIE Lab	72.46, 5.52, -39.17
CIE LCh	72, 39.562, 278.020
Yxy	44.3431, 0.2389, 0.2407
Android (android.graphics.Color)	4287476473 (0xFF8DB2F9)
YUV	175.0310, 36.4667, -29.8452
Hunter-Lab	66.5906, 1.4212, -38.7392

# Details

The RGB color **141, 178, 249** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **249, 212, 141**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **198, 234, 255**, and **84, 126, 192** is the 20% darker color. If you saturate the color by 10%, you get **116, 162, 249**, and if you desaturate by 10%, it is **166, 194, 249**.

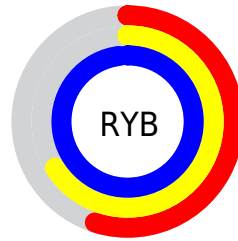
# Distribution



Red (55%)

Green (70%)

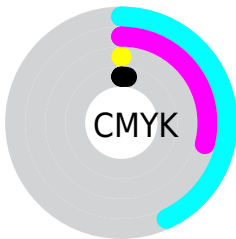
Blue (98%)



Red (55%)

Yellow (66%)

Blue (98%)

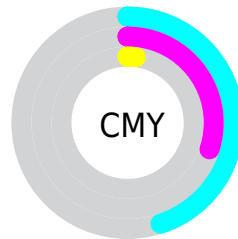


Cyan (43%)

Magenta (29%)

Yellow (0%)

Black (2%)



Cyan (45%)

Magenta (30%)


Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 141, 178, 249 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 141, 178, 249 by changing the saturation by 10% instead.





 141, 178, 249


255, 255, 255


 198, 234, 255

 227, 255, 255

 141, 178, 249

 113, 151, 220


 84, 126, 192

 55, 101, 165

 16, 77, 138


 0, 55, 112


 0, 34, 88


 0, 11, 64

 0, 3, 41


 0, 1, 19


 141, 178, 249


 141, 178, 249

 116, 162, 249


 166, 194, 249


 91, 145, 249

 191, 211, 249

 66, 129, 249

 216, 227, 249

 41, 113, 249

 241, 243, 249

 17, 96, 249

 255, 255, 249

 0, 85, 249

# Harmonies

## Analogous

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



76, 189, 244



141, 178, 249



194, 165, 235

# Triad

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



141, 178, 249



244, 155, 135



108, 195, 149

# Complementary

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



141, 178, 249



249, 212, 141

# 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.



153, 189, 119



141, 178, 249



224, 166, 111

# Square

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



141, 178, 249



247, 149, 169



192, 179, 105



54, 197, 187

# Rectangle

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



141, 178, 249



221, 157, 217



192, 179, 105



124, 193, 138



# Sweetspot

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



141, 178, 249



222, 233, 255



141, 249, 211



107, 114, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



141, 178, 249



122, 168, 255



157, 141, 249



112, 117, 125



0, 65, 189



0, 21, 61



# Inverse Universe

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



249, 141, 178



255, 122, 168



233, 249, 141



125, 112, 117



189, 0, 65



61, 0, 21



# Previews

## White Background



This preview shows how the RGB color 141, 178, 249 looks on a white background.

## Color Contrast Check

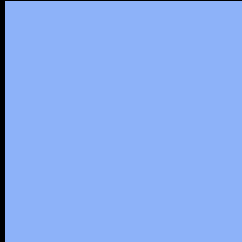
Large Text (above 18pt) WCAG AA × Fail

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 141, 178, 249 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

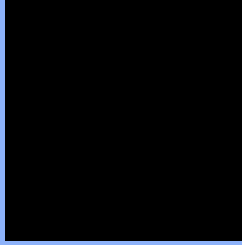
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

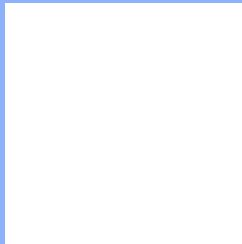
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 141, 178, 249 Background



This preview shows how black text looks on a background with the RGB color 141, 178, 249.



This preview shows how white text looks on a background with the RGB color 141, 178, 249.

# 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**

141, 178, 249

**Protanopia**

155, 175, 246

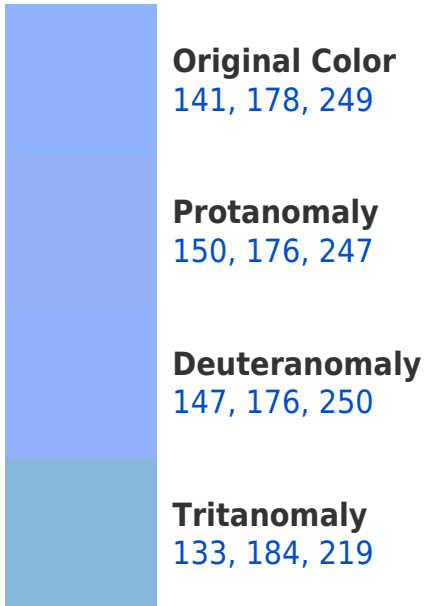
**Deuteranopia**

151, 175, 250

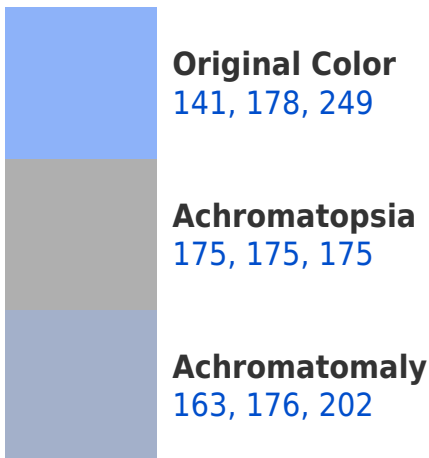


**Tritanopia**  
128, 187, 202

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to RGB 141, 178, 249 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(141, 178, 249)` looks like.

```
.text, #text, p{  
    color:rgb(141, 178, 249)  
}
```

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(141, 178, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 178, 249) }
```

## Border

The CSS property to change the border of an element to RGB 141, 178, 249 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(141, 178, 249) }
```

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

```
.border{ border-color:rgb(141, 178, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 178, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 178, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 178, 249); box-shadow:4px 4px 4px 4px rgb(141, 178, 249) }
```

# Background

The CSS property to change the background color of an element to RGB 141, 178, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 178, 249) }
```

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

```
.background{ background-color: rgb(141,  
178, 249) }
```

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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