

# Converting Colors

`RYB(143, 184, 250)`

Have a look what the booklet for  
RYB(143, 184, 250) contains.

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# **Color**

**RYB(143, 184, 250)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8FD1FA
RGB	143, 209, 250
RGB Percent	56%, 82%, 98%
CMY	0.4392, 0.1786, 0.0196
CMYK	0.43, 0.16, 0.00, 0.02
HSL	203°, 91%, 77%
HSV	203°, 43%, 98%
XYZ	51.4989, 58.5735, 99.0340
YIQ	193.9400, -52.4970, -1.2410

# Conversions

## Conversions Part 2

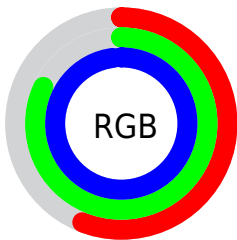
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">143, 184, 250</a>
Decimal	<a href="#">9425402</a>
CIELab	<a href="#">81.06, -10.73, -26.44</a>
CIELCh	<a href="#">81, 28.532, 247.917</a>
Yxy	<a href="#">58.5735, 0.2463, 0.2801</a>
Android (android.graphics.Color)	<a href="#">4287615482 (0xFF8FD1FA)</a>
YUV	<a href="#">193.9400, 27.6376, -44.6744</a>
Hunter-Lab	<a href="#">76.5333, -13.8216, -23.1478</a>

# Details

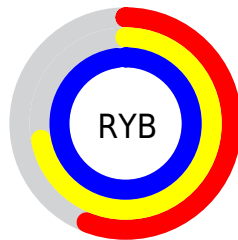
The RYB color **143, 184, 250** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **250, 209, 143**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **200, 228, 255**, and **86, 128, 193** is the 20% darker color. If you saturate the color by 10%, you get **118, 169, 250**, and if you desaturate by 10%, it is **168, 199, 250**.

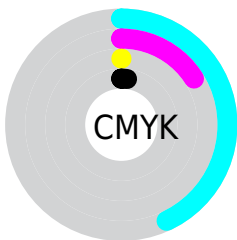
# Distribution



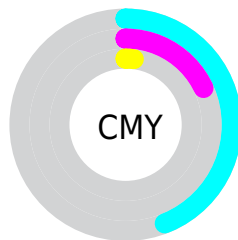
- Red (56%)
- Green (82%)
- Blue (98%)



- Red (56%)
- Yellow (72%)
- Blue (98%)



- Cyan (43%)
- Magenta (16%)
- Yellow (0%)
- Black (2%)



- Cyan (44%)
- Magenta (18%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 143, 184, 250 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 RYB color 143, 184, 250 by changing the saturation by 10% instead.



 143, 184, 250


255, 255, 255


 200, 228, 255

 230, 243, 255

 143, 184, 250

 115, 156, 221

 86, 128, 193

 56, 100, 166

 17, 68, 140

 0, 47, 114

 0, 35, 89

 0, 23, 66

 0, 8, 44

 0, 1, 22

■ 143, 184, 250

■ 143, 184, 250

■ 118, 169, 250

■ 168, 199, 250

■ 93, 153, 250

■ 193, 215, 250

■ 68, 138, 250

■ 218, 230, 250

■ 43, 122, 250

■ 243, 246, 250

■ 18, 107, 250

■ 250, 255, 250

■ 0, 96, 250

# Harmonies

## Analogous

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



123, 173, 233



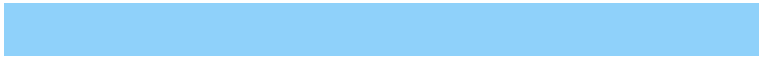
143, 184, 250



178, 196, 254

# Triad

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



143, 184, 250



255, 182, 195



159, 210, 185

# Complementary

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



143, 184, 250



250, 209, 143

# 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.



163, 214, 148



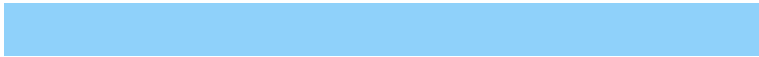
143, 184, 250



253, 188, 170

# Square

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



143, 184, 250



242, 185, 222



238, 229, 153



154, 197, 215

# Rectangle

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



143, 184, 250



203, 195, 248



238, 229, 153

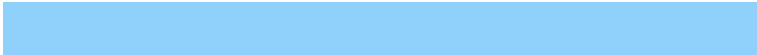


154, 207, 167



# Sweetspot

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



143, 184, 250



222, 234, 255



143, 221, 250



107, 115, 128



0, 0, 0



128, 128, 128

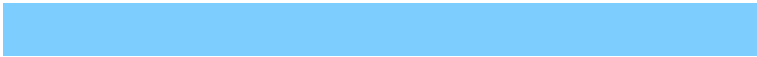


# Same Dimension

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



143, 184, 250



125, 175, 255



143, 155, 250



112, 117, 125



0, 72, 189



0, 23, 61



# Inverse Universe

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



250, 143, 209



255, 125, 206



159, 250, 143



125, 112, 120



189, 0, 117

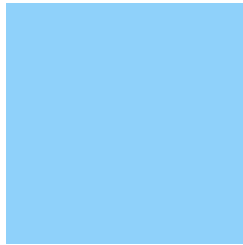


61, 0, 38



# Previews

## White Background



This preview shows how the RYB color 143, 184, 250 looks on a white background.

## Color Contrast Check

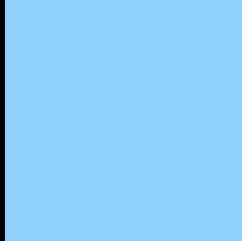
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the RYB color 143, 184, 250 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](#).



## **RYB 143, 184, 250 Background**



This preview shows how black text looks on a background with the RYB color 143, 184, 250.

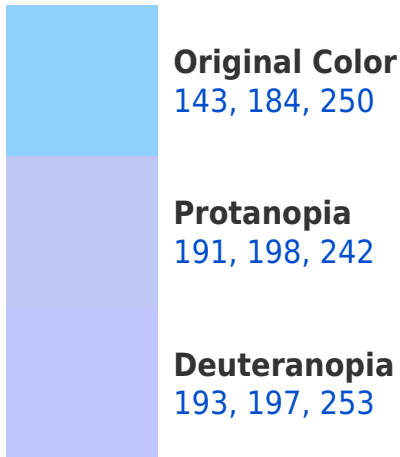


This preview shows how white text looks on a background with the RYB color 143, 184, 250.

# 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





**Tritanopia**  
137, 179, 230

# Trichromacy



**Original Color**  
143, 184, 250

**Protanomaly**  
174, 195, 245

**Deuteranomaly**  
175, 195, 252

**Tritanomaly**  
139, 181, 237

# Monochromacy



**Original Color**  
143, 184, 250

**Achromatopsia**  
194, 194, 194

**Achromatomaly**  
175, 190, 214

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 143, 184, 250 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(143, 209, 250)` looks like.

```
.text, #text, p{  
    color:rgb(143, 209, 250)  
}
```

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(143, 209, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 209, 250) }
```

## Border

The CSS property to change the border of an element to RYB 143, 184, 250 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(143, 209, 250) }
```

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

```
.border{ border-color:rgb(143, 209, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 209, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 209, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 209, 250);  
box-shadow:4px 4px 4px 4px rgb(143, 209,  
250) }
```

# Background

The CSS property to change the background color of an element to RYB 143, 184, 250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 209, 250) }
```

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

```
.background{ background-color: rgb(143,  
209, 250) }
```

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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