

Converting Colors

`RYB(143, 194, 251)`

Have a look what the booklet for
RYB(143, 194, 251) contains.

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Color

R_YB(143, 194, 251)

Conversions

Conversions Part 1

Format	Color
Hex	8FF0FB
RGB	143, 240, 251
RGB Percent	56%, 94%, 98%
CMY	0.4392, 0.0603, 0.0157
CMYK	0.43, 0.05, 0.00, 0.02
HSL	186°, 93%, 77%
HSV	186°, 43%, 98%
XYZ	59.7920, 74.9081, 102.5741
YIQ	212.2510, -61.3430, -17.1430

Conversions

Conversions Part 2

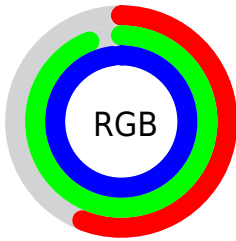
Format	Color
RYB	143, 194, 251
Decimal	9433339
CIELab	89.35, -25.67, -14.42
CIELCh	89, 29.446, 209.326
Yxy	74.9081, 0.2520, 0.3157
Android (android.graphics.Color)	4287623419 (0xFF8FF0FB)
YUV	212.2510, 19.1033, -60.7331
Hunter-Lab	86.5495, -28.1463, -9.6829

Details

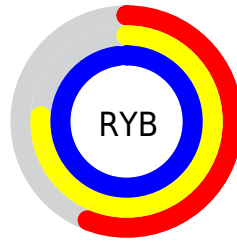
The RYB color **143, 194, 251** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **251, 155, 143**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is **201, 228, 255**, and **84, 136, 194** is the 20% darker color. If you saturate the color by 10%, you get **118, 181, 251**, and if you desaturate by 10%, it is **168, 207, 251**.

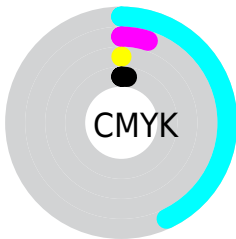
Distribution



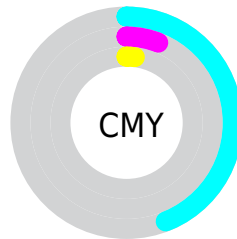
- Red (56%)
- Green (94%)
- Blue (98%)



- Red (56%)
- Yellow (76%)
- Blue (98%)



- Cyan (43%)
- Magenta (5%)
- Yellow (0%)
- Black (2%)



- Cyan (44%)
- Magenta (6%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RYB color 143, 194, 251 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, 194, 251 by changing the saturation by 10% instead.

 143, 194, 251


255, 255, 255


 201, 228, 255

 231, 243, 255

 143, 194, 251

 114, 165, 222


 84, 136, 194

 52, 107, 167

 0, 68, 141

 0, 55, 115

 0, 43, 91


 0, 31, 67

 0, 20, 45


 0, 1, 25

 143, 194, 251


 143, 194, 251

 118, 181, 251


 168, 207, 251

 93, 168, 251


 193, 220, 251

 68, 154, 251


 218, 234, 251


 43, 141, 251

 243, 247, 251

 17, 127, 251

 255, 255, 251

 0, 119, 251

 251, 255, 251

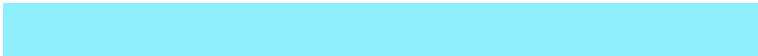
Harmonies

Analogous

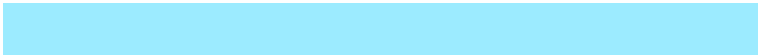
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



156, 203, 240



143, 194, 251



156, 200, 255

Triad

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



143, 194, 251



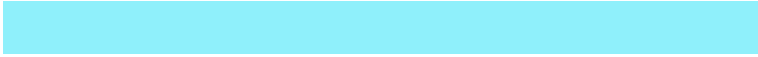
255, 209, 254



203, 246, 168

Complementary

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



143, 194, 251



251, 155, 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.



255, 244, 177



143, 194, 251



255, 204, 226

Square

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



143, 194, 251



228, 218, 255



255, 207, 198



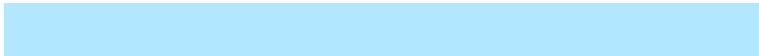
175, 231, 190

Rectangle

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



143, 194, 251



177, 209, 255



255, 207, 198



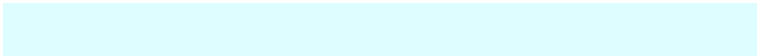
232, 255, 170

Sweetspot

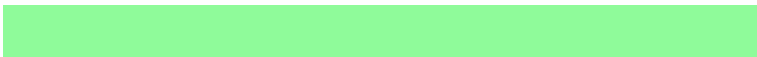
The Sweet Spot groups the original color and five complimentary colors.



143, 194, 251



222, 238, 255



143, 241, 251



107, 117, 128



0, 0, 0



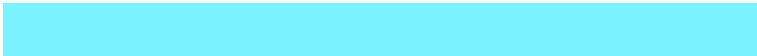
128, 128, 128

Same Dimension

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



143, 194, 251



122, 185, 255



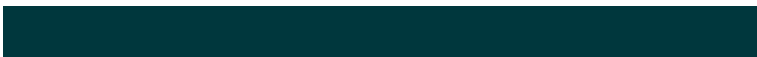
143, 174, 251



112, 118, 125



0, 89, 189



0, 29, 61

Inverse Universe

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



251, 143, 240



255, 122, 241



214, 251, 143



125, 112, 124



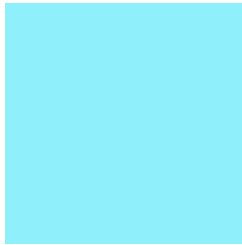
189, 0, 169



61, 0, 55

Previews

White Background



This preview shows how the RYB color 143, 194, 251 looks on a white background.

Color Contrast Check

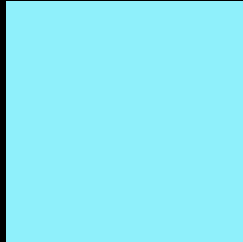
Large Text (above 18pt) WCAG AA × Fail

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, 194, 251 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, 194, 251 Background



This preview shows how black text looks on a background with the RYB color 143, 194, 251.



This preview shows how white text looks on a background with the RYB color 143, 194, 251.

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



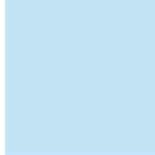


Tritanopia
154, 200, 255

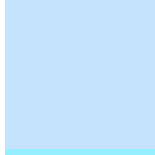
Trichromacy



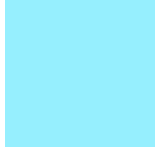
Original Color
143, 194, 251



Protanomaly
193, 214, 244



Deuteranomaly
198, 217, 254

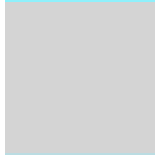


Tritanomaly
150, 198, 254

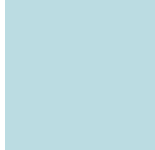
Monochromacy



Original Color
143, 194, 251



Achromatopsia
212, 212, 212



Achromatomaly
187, 205, 226

CSS Examples

Text

The CSS property to change the color of the text to RYB 143, 194, 251 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, 240, 251)` looks like.

```
.text, #text, p{  
    color:rgb(143, 240, 251)  
}
```

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, 240, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 240, 251) }
```

Border

The CSS property to change the border of an element to RYB 143, 194, 251 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, 240, 251) }
```

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

```
.border{ border-color:rgb(143, 240, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 240, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 240, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 240, 251);  
box-shadow:4px 4px 4px 4px rgb(143, 240,  
251) }
```

Background

The CSS property to change the background color of an element to RYB 143, 194, 251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 240, 251) }
```

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

```
.background{ background-color: rgb(143,  
240, 251) }
```

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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