

Converting Colors

`RYB(143, 148, 255)`

Have a look what the booklet for
RYB(143, 148, 255) contains.

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Color

R_YB(143, 148, 255)

Conversions

Conversions Part 1

Format	Color
Hex	8F94FF
RGB	143, 148, 255
RGB Percent	56%, 58%, 100%
CMY	0.4392, 0.4187, 0.0000
CMYK	0.44, 0.42, 0.00, 0.00
HSL	237°, 100%, 78%
HSV	237°, 44%, 100%
XYZ	40.0043, 34.3128, 99.1223
YIQ	158.7030, -37.3270, 32.2170

Conversions

Conversions Part 2

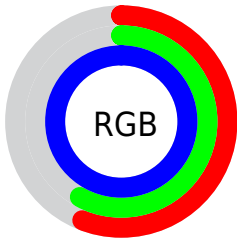
Format	Color
R _Y B	143, 148, 255
Decimal	9409791
CIE Lab	65.21, 24.66, -53.82
CIE LCh	65, 59.201, 294.621
Yxy	34.3128, 0.2307, 0.1978
Android (android.graphics.Color)	4287599871 (0xFF8F94FF)
YUV	158.7030, 47.4744, -13.7715
Hunter-Lab	58.5771, 19.3936, -59.3246

Details

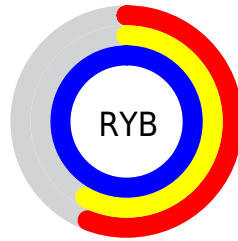
The RYB color **143, 148, 255** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **148, 255, 143**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **201, 202, 255**, and **85, 97, 198** is the 20% darker color. If you saturate the color by 10%, you get **118, 124, 255**, and if you desaturate by 10%, it is **169, 173, 255**.

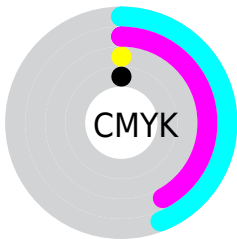
Distribution



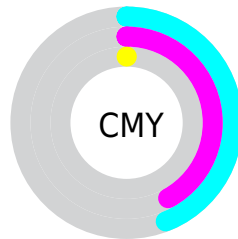
- Red (56%)
- Green (58%)
- Blue (100%)



- Red (56%)
- Yellow (58%)
- Blue (100%)



- Cyan (44%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)



- Cyan (44%)
- Magenta (42%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RYB color 143, 148, 255 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, 148, 255 by changing the saturation by 10% instead.


 143, 148, 255

255, 255, 255

 201, 202, 255

 231, 230, 255

 143, 148, 255


 114, 122, 226

 85, 97, 198

 54, 71, 170

 10, 42, 143

 0, 25, 117

 0, 10, 91


 0, 4, 67

 0, 3, 44


 0, 1, 22


 143, 148, 255

 143, 148, 255

 118, 124, 255


 169, 173, 255

 92, 100, 255

 194, 197, 255

 66, 75, 255


 220, 221, 255

 41, 51, 255

 245, 245, 255

 16, 27, 255

255, 255, 255

 0, 11, 255

Harmonies

Analogous

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



0, 101, 255



143, 148, 255



214, 126, 220

Triad

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



143, 148, 255



234, 167, 72



0, 101, 183

Complementary

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



143, 148, 255



148, 255, 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.



75, 162, 178



143, 148, 255



105, 195, 45

Square

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



143, 148, 255



254, 114, 117



54, 168, 78



0, 96, 201

Rectangle

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



143, 148, 255



241, 114, 188



54, 168, 78



0, 107, 182

Sweetspot

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



143, 148, 255



222, 223, 255



143, 201, 255



107, 108, 128



0, 0, 0



128, 128, 128

Same Dimension

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



143, 148, 255



120, 126, 255



193, 143, 255



115, 115, 128



0, 9, 191



0, 3, 64

Inverse Universe

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



255, 143, 148



255, 120, 126



143, 255, 193



128, 115, 115



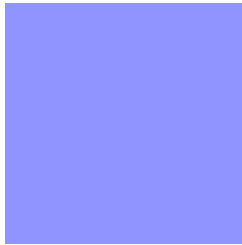
191, 0, 9



64, 0, 3

Previews

White Background



This preview shows how the RYB color 143, 148, 255 looks on a white background.

Color Contrast Check

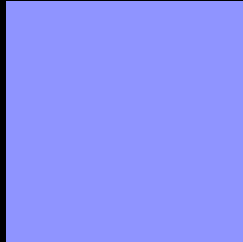
Large Text (above 18pt) WCAG AA × Fail

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, 148, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

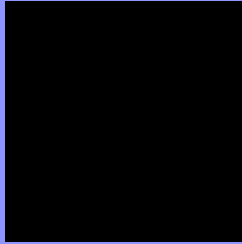
Any Text WCAG AA ✓ Pass

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, 148, 255 Background



This preview shows how black text looks on a background with the RYB color 143, 148, 255.



This preview shows how white text looks on a background with the RYB color 143, 148, 255.

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
123, 147, 178

Trichromacy



Original Color
143, 148, 255

Protanomaly
127, 149, 255

Deuteranomaly
118, 146, 254

Tritanomaly
130, 151, 206

Monochromacy



Original Color
143, 148, 255

Achromatopsia
159, 159, 159

Achromatomaly
153, 155, 194

CSS Examples

Text

The CSS property to change the color of the text to RYB 143, 148, 255 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, 148, 255)` looks like.

```
.text, #text, p{  
    color:rgb(143, 148, 255)  
}
```

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, 148, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 148, 255) }
```

Border

The CSS property to change the border of an element to RYB 143, 148, 255 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, 148, 255) }
```

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

```
.border{ border-color:rgb(143, 148, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 148, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 148, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 148, 255); box-shadow:4px 4px 4px 4px rgb(143, 148, 255) }
```

Background

The CSS property to change the background color of an element to RYB 143, 148, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 148, 255) }
```

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

```
.background{ background-color: rgb(143,  
148, 255) }
```

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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