

Converting Colors

`RYB(154, 168, 250)`

Have a look what the booklet for
RYB(154, 168, 250) contains.

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Color

`RYB(154, 168, 250)`

Conversions

Conversions Part 1

Format	Color
Hex	9AAAF8
RGB	154, 170, 250
RGB Percent	60%, 67%, 98%
CMY	0.3961, 0.3318, 0.0196
CMYK	0.38, 0.32, 0.00, 0.02
HSL	230°, 91%, 79%
HSV	230°, 38%, 98%
XYZ	45.0297, 42.6681, 96.3049
YIQ	174.3360, -35.2160, 21.4880

Conversions

Conversions Part 2

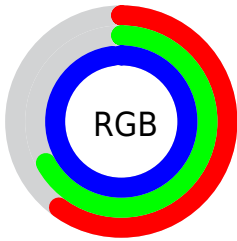
Format	Color
RYB	154, 168, 250
Decimal	10136314
CIELab	71.33, 13.36, -41.41
CIELCh	71, 43.517, 287.886
Yxy	42.6681, 0.2447, 0.2319
Android (android.graphics.Color)	4288326394 (0xFF9AAAF8)
YUV	174.3360, 37.3024, -17.8347
Hunter-Lab	65.3209, 8.7397, -41.6888

Details

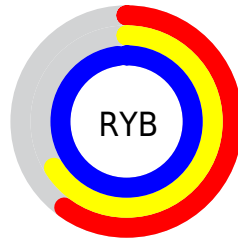
The RYB color **154, 168, 250** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **173, 250, 154**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **211, 222, 255**, and **99, 115, 193** is the 20% darker color. If you saturate the color by 10%, you get **129, 147, 250**, and if you desaturate by 10%, it is **179, 189, 250**.

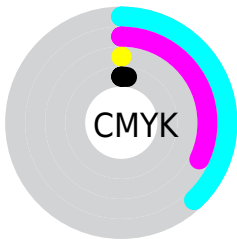
Distribution



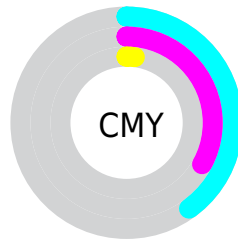
- Red (60%)
- Green (67%)
- Blue (98%)



- Red (60%)
- Yellow (66%)
- Blue (98%)



- Cyan (38%)
- Magenta (32%)
- Yellow (0%)
- Black (2%)




- Cyan (40%)
- Magenta (33%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RYB color 154, 168, 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 154, 168, 250 by changing the saturation by 10% instead.

 154, 168, 250


255, 255, 255


 211, 222, 255

 240, 247, 255

 154, 168, 250

 126, 141, 221

 99, 115, 193

 71, 90, 166

 41, 64, 139

 0, 34, 113

 0, 21, 88

 0, 1, 65

 0, 3, 42

 0, 1, 20

■ 154, 168, 250

■ 154, 168, 250

■ 129, 147, 250

■ 179, 189, 250

■ 104, 125, 250

■ 204, 211, 250

■ 79, 104, 250

■ 229, 232, 250

■ 54, 82, 250

■ 251, 254, 250

■ 29, 61, 250

■ 250, 255, 250

■ 4, 40, 250

■ 0, 37, 250

Harmonies

Analogous

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



78, 143, 252



154, 168, 250



208, 156, 228

Triad

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



154, 168, 250



241, 168, 117



74, 145, 194

Complementary

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



154, 168, 250



173, 250, 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.



120, 189, 178



154, 168, 250



176, 214, 97

Square

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



154, 168, 250



251, 144, 152



97, 180, 101



0, 98, 198

Rectangle

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



154, 168, 250



233, 147, 205



97, 180, 101



96, 161, 193

Sweetspot

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



154, 168, 250



224, 229, 255



154, 207, 250



110, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



154, 168, 250



138, 155, 255



184, 154, 250



112, 114, 125



0, 27, 189



0, 9, 61

Inverse Universe

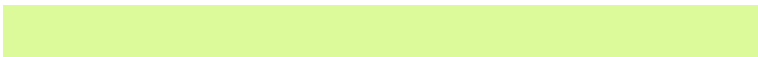
The Inverse Universe completely reimagines the original color for something new.



250, 154, 170



255, 138, 158



154, 250, 184



125, 112, 115



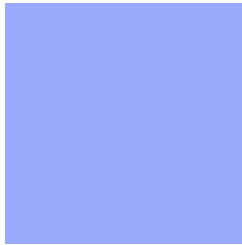
189, 0, 32



61, 0, 10

Previews

White Background



This preview shows how the RYB color 154, 168, 250 looks on a white background.

Color Contrast Check

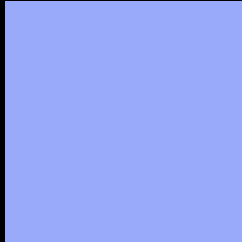
Large Text (above 18pt) WCAG AA × Fail

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 154, 168, 250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

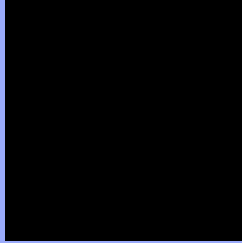
Any Text WCAG AA ✓ Pass

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 154, 168, 250 Background



This preview shows how black text looks on a background with the RYB color 154, 168, 250.



This preview shows how white text looks on a background with the RYB color 154, 168, 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](#).

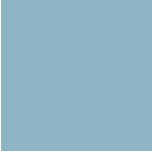
Dichromacy



Original Color
154, 168, 250

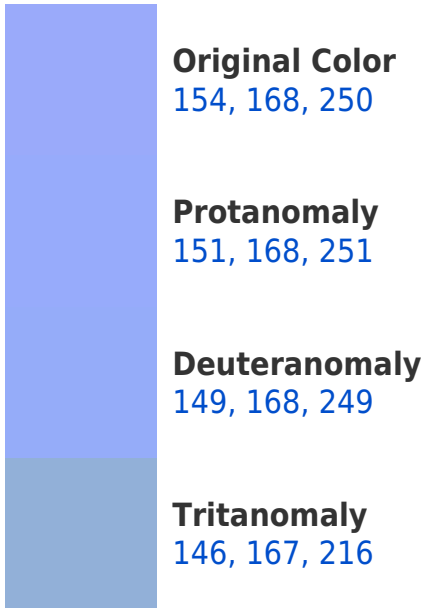
Protanopia
149, 168, 251

Deuteranopia
146, 167, 249

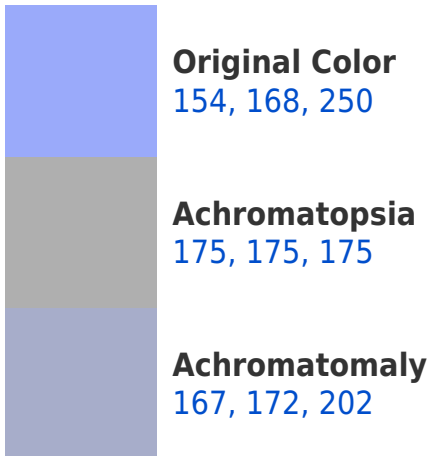


Tritanopia
141, 164, 196

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 154, 168, 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(154, 170, 250)` looks like.

```
.text, #text, p{  
    color:rgb(154, 170, 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(154, 170, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 170, 250) }
```

Border

The CSS property to change the border of an element to RYB 154, 168, 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(154, 170, 250) }
```

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

```
.border{ border-color:rgb(154, 170, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 170, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 170, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 170, 250);  
box-shadow:4px 4px 4px 4px rgb(154, 170,  
250) }
```

Background

The CSS property to change the background color of an element to RYB 154, 168, 250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 170, 250) }
```

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

```
.background{ background-color: rgb(154,  
170, 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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