

Converting Colors

`RYB(154, 166, 230)`

Have a look what the booklet for
RYB(154, 166, 230) contains.

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Color

`RYB(154, 166, 230)`

Conversions

Conversions Part 1

Format	Color
Hex	9AA8E6
RGB	154, 168, 230
RGB Percent	60%, 66%, 90%
CMY	0.3961, 0.3402, 0.0980
CMYK	0.33, 0.27, 0.00, 0.10
HSL	229°, 60%, 75%
HSV	229°, 33%, 90%
XYZ	41.6582, 40.6809, 80.5195
YIQ	170.8820, -28.2460, 16.3140

Conversions

Conversions Part 2

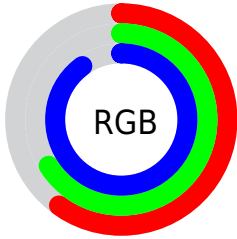
Format	Color
RYB	154, 166, 230
Decimal	10135782
CIELab	69.95, 9.32, -32.67
CIElCh	70, 33.971, 285.924
Yxy	40.6809, 0.2558, 0.2498
Android (android.graphics.Color)	4288325862 (0xFF9AA8E6)
YUV	170.8820, 29.1452, -14.8055
Hunter-Lab	63.7815, 4.9675, -30.2021

Details

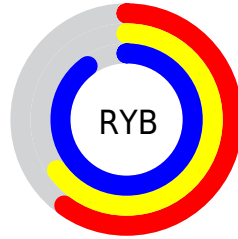
The RYB color **154, 166, 230** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **171, 230, 154**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **210, 220, 255**, and **100, 113, 174** is the 20% darker color. If you saturate the color by 10%, you get **131, 147, 230**, and if you desaturate by 10%, it is **177, 185, 230**.

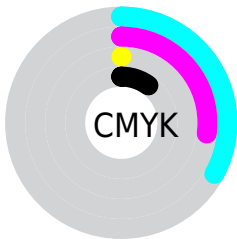
Distribution



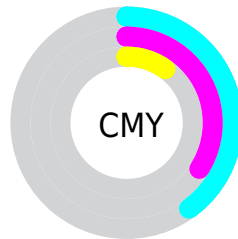
- Red (60%)
- Green (66%)
- Blue (90%)



- Red (60%)
- Yellow (65%)
- Blue (90%)



- Cyan (33%)
- Magenta (27%)
- Yellow (0%)
- Black (10%)




- Cyan (40%)
- Magenta (34%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RYB color 154, 166, 230 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, 166, 230 by changing the saturation by 10% instead.


 154, 166, 230


255, 255, 255

 210, 220, 255

 239, 246, 255


 154, 166, 230


 127, 140, 202

 100, 113, 174


 74, 88, 147

 48, 64, 121

 18, 39, 96

 0, 19, 72

 0, 0, 50

 0, 1, 28

 0, 0, 0

■ 154, 166, 230

■ 154, 166, 230

■ 131, 147, 230

■ 177, 185, 230

■ 108, 127, 230

■ 200, 205, 230

■ 85, 108, 230

■ 223, 224, 230

■ 62, 89, 230

■ 234, 246, 230

■ 39, 69, 230

■ 230, 255, 230

■ 16, 50, 230

■ 0, 36, 230

Harmonies

Analogous

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



105, 151, 230



154, 166, 230



195, 157, 214

Triad

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



154, 166, 230



225, 164, 128



103, 155, 187

Complementary

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



154, 166, 230



171, 230, 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.



127, 182, 168



154, 166, 230



184, 205, 111

Square

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



154, 166, 230



232, 148, 155



112, 175, 111



69, 129, 188

Rectangle

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



154, 166, 230



215, 151, 197



112, 175, 111



116, 165, 186

Sweetspot

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



154, 166, 230



230, 233, 255



154, 196, 230



112, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



154, 166, 230



153, 169, 255



177, 154, 230



103, 105, 115



0, 28, 179



0, 8, 51

Inverse Universe

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



230, 154, 168



255, 153, 172



154, 230, 177



115, 103, 105



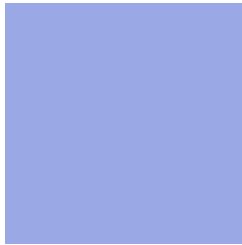
179, 0, 33



51, 0, 10

Previews

White Background



This preview shows how the RYB color 154, 166, 230 looks on a white background.

Color Contrast Check

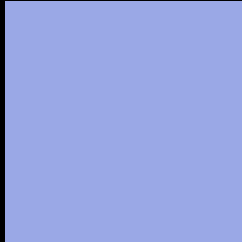
Large Text (above 18pt) WCAG AA × Fail

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, 166, 230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

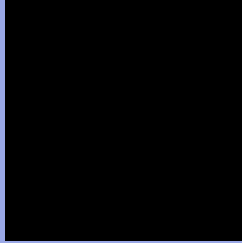
Any Text WCAG AA ✓ Pass

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, 166, 230 Background



This preview shows how black text looks on a background with the RYB color 154, 166, 230.



This preview shows how white text looks on a background with the RYB color 154, 166, 230.

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](#).

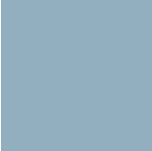
Dichromacy



Original Color
154, 166, 230

Protanopia
153, 166, 230

Deuteranopia
154, 166, 230



Tritanopia
145, 163, 190

Trichromacy



Original Color
154, 166, 230

Protanomaly
153, 166, 230

Deuteranomaly
154, 166, 230

Tritanomaly
148, 165, 205

Monochromacy



Original Color
154, 166, 230

Achromatopsia
171, 171, 171

Achromatomaly
165, 169, 192

CSS Examples

Text

The CSS property to change the color of the text to RYB 154, 166, 230 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, 168, 230)` looks like.

```
.text, #text, p{  
    color:rgb(154, 168, 230)  
}
```

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, 168, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 168, 230) }
```

Border

The CSS property to change the border of an element to RYB 154, 166, 230 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, 168, 230) }
```

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

```
.border{ border-color:rgb(154, 168, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 168, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 168, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 168, 230);  
box-shadow:4px 4px 4px 4px rgb(154, 168,  
230) }
```

Background

The CSS property to change the background color of an element to RYB 154, 166, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 168, 230) }
```

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

```
.background{ background-color: rgb(154,  
168, 230) }
```

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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