

Converting Colors

`RYB(138, 151, 215)`

Have a look what the booklet for
RYB(138, 151, 215) contains.

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Color

$\text{RYB}(138, 151, 215)$

Conversions

Conversions Part 1

Format	Color
Hex	8A9AD7
RGB	138, 154, 215
RGB Percent	54%, 60%, 84%
CMY	0.4588, 0.3975, 0.1569
CMYK	0.36, 0.29, 0.00, 0.16
HSL	228°, 49%, 69%
HSV	228°, 36%, 84%
XYZ	34.2433, 33.3023, 68.9131
YIQ	156.1700, -29.1170, 15.5790

Conversions

Conversions Part 2

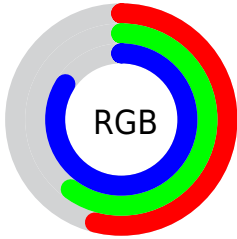
Format	Color
RYB	138, 151, 215
Decimal	9083607
CIELab	64.40, 9.21, -33.09
CIElCh	64, 34.344, 285.552
Yxy	33.3023, 0.2509, 0.2440
Android (android.graphics.Color)	4287273687 (0xFF8A9AD7)
YUV	156.1700, 29.0032, -15.9351
Hunter-Lab	57.7082, 4.9305, -30.4064

Details

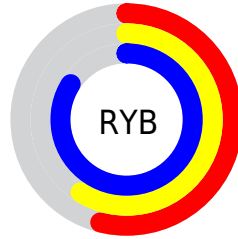
The RYB color **138, 151, 215** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **158, 215, 138**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **193, 205, 255**, and **85, 100, 160** is the 20% darker color. If you saturate the color by 10%, you get **117, 134, 215**, and if you desaturate by 10%, it is **160, 169, 215**.

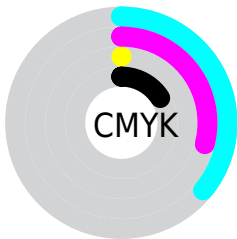
Distribution



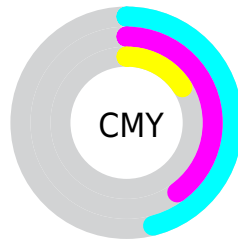
- Red (54%)
- Green (60%)
- Blue (84%)



- Red (54%)
- Yellow (59%)
- Blue (84%)



- Cyan (36%)
- Magenta (29%)
- Yellow (0%)
- Black (16%)



- Cyan (46%)
- Magenta (40%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 138, 151, 215 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 138, 151, 215 by changing the saturation by 10% instead.


 138, 151, 215


255, 255, 255

 193, 205, 255

 222, 232, 255

 251, 253, 255

 138, 151, 215


 111, 125, 187

 85, 100, 160

 58, 74, 134

 31, 50, 108

 0, 25, 83

 0, 11, 60

 0, 2, 38

 0, 1, 14

 0, 0, 0

■ 138, 151, 215

■ 138, 151, 215

■ 117, 134, 215

■ 160, 169, 215

■ 95, 115, 215

■ 181, 187, 215

■ 73, 97, 215

■ 203, 205, 215

■ 52, 79, 215

■ 218, 224, 215

■ 30, 62, 215

■ 223, 245, 215

■ 9, 44, 215

■ 215, 255, 215

■ 0, 37, 215

Harmonies

Analogous

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



87, 135, 215



138, 151, 215



180, 142, 199

Triad

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



138, 151, 215



210, 148, 114



88, 140, 172

Complementary

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



138, 151, 215



158, 215, 138

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.



112, 167, 153



138, 151, 215



170, 190, 97

Square

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



138, 151, 215



216, 133, 141



98, 161, 96



47, 110, 173

Rectangle

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



138, 151, 215



200, 136, 182



98, 161, 96



101, 150, 171

Sweetspot

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



138, 151, 215



227, 232, 255



138, 181, 215



111, 114, 128



0, 0, 0



128, 128, 128

Same Dimension

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



138, 151, 215



145, 164, 255



160, 138, 215



96, 98, 107



0, 29, 171



0, 7, 43

Inverse Universe

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



215, 138, 154



255, 145, 168



138, 215, 160



107, 96, 99



171, 0, 35



43, 0, 9

Previews

White Background



This preview shows how the RYB color 138, 151, 215 looks on a white background.

Color Contrast Check

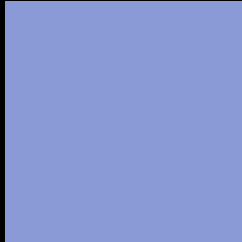
Large Text (above 18pt) WCAG AA × Fail

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 138, 151, 215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

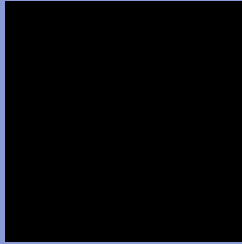
Any Text WCAG AA ✓ Pass

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 138, 151, 215 Background



This preview shows how black text looks on a background with the RYB color 138, 151, 215.



This preview shows how white text looks on a background with the RYB color 138, 151, 215.

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
138, 151, 215

Protanopia
138, 151, 215

Deuteranopia
137, 151, 215



Tritanopia
128, 147, 174

Trichromacy



Original Color
138, 151, 215

Protanomaly
138, 151, 215

Deuteranomaly
137, 151, 215

Tritanomaly
132, 150, 189

Monochromacy



Original Color
138, 151, 215

Achromatopsia
156, 156, 156

Achromatomaly
149, 154, 177

CSS Examples

Text

The CSS property to change the color of the text to RGB 138, 151, 215 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(138, 154, 215) looks like.

```
.text, #text, p{  
    color:rgb(138, 154, 215)  
}
```

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(138, 154, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 154, 215) }
```

Border

The CSS property to change the border of an element to RYB 138, 151, 215 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(138, 154, 215) }
```

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

```
.border{ border-color:rgb(138, 154, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 154, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 154, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 154, 215);  
box-shadow:4px 4px 4px 4px rgb(138, 154,  
215) }
```

Background

The CSS property to change the background color of an element to RGB 138, 151, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 154, 215) }
```

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

```
.background{ background-color: rgb(138,  
154, 215) }
```

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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