

Converting Colors

`RYB(138, 143, 203)`

Have a look what the booklet for
RYB(138, 143, 203) contains.

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Color

$\text{RYB}(138, 143, 203)$

Conversions

Conversions Part 1

Format	Color
Hex	8A8FCB
RGB	138, 143, 203
RGB Percent	54%, 56%, 80%
CMY	0.4588, 0.4376, 0.2039
CMYK	0.32, 0.29, 0.00, 0.20
HSL	235°, 38%, 67%
HSV	235°, 32%, 80%
XYZ	31.1459, 29.4853, 60.5496
YIQ	148.3450, -22.2400, 17.6000

Conversions

Conversions Part 2

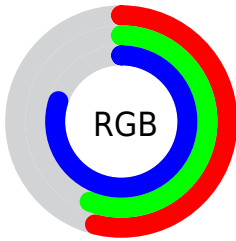
Format	Color
RYB	138, 143, 203
Decimal	9080779
CIELab	61.21, 11.92, -31.35
CIElCh	61, 33.541, 290.820
Yxy	29.4853, 0.2570, 0.2433
Android (android.graphics.Color)	4287270859 (0xFF8A8FCB)
YUV	148.3450, 26.9449, -9.0726
Hunter-Lab	54.3004, 7.3591, -28.1031

Details

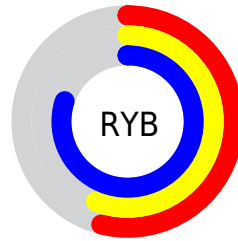
The RYB color **138, 143, 203** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **143, 203, 138**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **193, 197, 255**, and **86, 92, 149** is the 20% darker color. If you saturate the color by 10%, you get **118, 124, 203**, and if you desaturate by 10%, it is **158, 162, 203**.

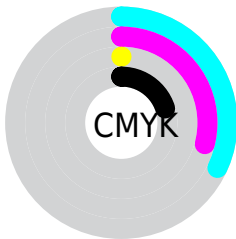
Distribution



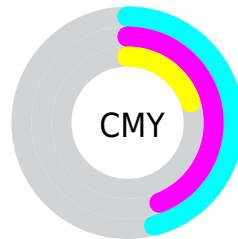
- Red (54%)
- Green (56%)
- Blue (80%)



- Red (54%)
- Yellow (56%)
- Blue (80%)



- Cyan (32%)
- Magenta (29%)
- Yellow (0%)
- Black (20%)



- Cyan (46%)
- Magenta (44%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 138, 143, 203 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, 143, 203 by changing the saturation by 10% instead.

 138, 143, 203

255, 255, 255

 193, 197, 255

 221, 225, 255


 250, 252, 255

 138, 143, 203

 112, 117, 175

 86, 92, 149

 60, 69, 123

 34, 45, 97

 3, 21, 73

 0, 0, 51

 0, 2, 29

 0, 0, 0

 138, 143, 203

 138, 143, 203

■ 118, 124, 203

■ 158, 162, 203

■ 97, 105, 203

■ 179, 181, 203

■ 77, 87, 203

■ 199, 199, 203

■ 57, 68, 203

■ 204, 219, 203

■ 36, 49, 203

■ 207, 240, 203

■ 16, 31, 203

■ 203, 255, 203

■ 0, 16, 203

Harmonies

Analogous

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



89, 130, 206



138, 143, 203



176, 133, 185

Triad

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



138, 143, 203



197, 147, 103



74, 126, 163

Complementary

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



138, 143, 203



143, 203, 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.



109, 159, 156



138, 143, 203



142, 176, 89

Square

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



138, 143, 203



206, 126, 128



91, 152, 97



32, 99, 168

Rectangle

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



138, 143, 203



194, 127, 168



91, 152, 97



87, 136, 162

Sweetspot

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



138, 143, 203



230, 232, 255



138, 172, 203



112, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



138, 143, 203



158, 165, 255



165, 138, 203



92, 93, 102



0, 13, 166



0, 3, 38

Inverse Universe

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



203, 138, 143



255, 158, 166



138, 203, 165



102, 92, 93



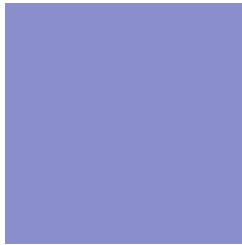
166, 0, 14



38, 0, 3

Previews

White Background



This preview shows how the RYB color 138, 143, 203 looks on a white background.

Color Contrast Check

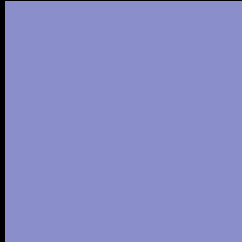
Large Text (above 18pt) WCAG AA ✓ Pass

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, 143, 203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

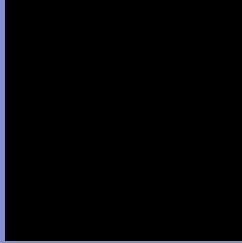
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 138, 143, 203 Background



This preview shows how black text looks on a background with the RYB color 138, 143, 203.



This preview shows how white text looks on a background with the RYB color 138, 143, 203.

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](#), [143](#), [203](#)

Protanopia

[130](#), [143](#), [205](#)

Deuteranopia

[130](#), [143](#), [203](#)



Tritanopia
129, 142, 163

Trichromacy



Original Color
138, 143, 203

Protanomaly
133, 143, 204

Deuteranomaly
133, 143, 203

Tritanomaly
132, 144, 178

Monochromacy



Original Color
138, 143, 203

Achromatopsia
149, 149, 149

Achromatomaly
145, 147, 169

CSS Examples

Text

The CSS property to change the color of the text to RYB 138, 143, 203 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, 143, 203)` looks like.

```
.text, #text, p{  
    color:rgb(138, 143, 203)  
}
```

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, 143, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 143, 203) }
```

Border

The CSS property to change the border of an element to RYB 138, 143, 203 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, 143, 203) }
```

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

```
.border{ border-color:rgb(138, 143, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 143, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 143, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 143, 203);  
box-shadow:4px 4px 4px 4px rgb(138, 143,  
203) }
```

Background

The CSS property to change the background color of an element to RYB 138, 143, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 143, 203) }
```

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

```
.background{ background-color: rgb(138,  
143, 203) }
```

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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