

Converting Colors

`RYB(138, 154, 195)`

Have a look what the booklet for RYB(138, 154, 195) contains.

RYB(138, 154, 195)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(138, 154, 195)

Conversions

Conversions Part 1

Format	Color
Hex	8AA0C3
RGB	138, 160, 195
RGB Percent	54%, 63%, 76%
CMY	0.4588, 0.3716, 0.2353
CMYK	0.29, 0.18, 0.00, 0.24
HSL	217°, 32%, 65%
HSV	217°, 29%, 76%
XYZ	32.9447, 34.5697, 56.5660
YIQ	157.4120, -24.3470, 6.2210

Conversions

Conversions Part 2

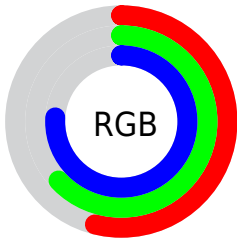
Format	Color
RYB	138, 154, 195
Decimal	9085123
CIELab	65.41, 0.31, -20.41
CIElCh	65, 20.415, 270.871
Yxy	34.5697, 0.2655, 0.2786
Android (android.graphics.Color)	4287275203 (0xFF8AA0C3)
YUV	157.4120, 18.5309, -17.0243
Hunter-Lab	58.7960, -2.8754, -15.8841

Details

The RYB color **138, 154, 195** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **174, 195, 138**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **192, 209, 252**, and **86, 102, 141** is the 20% darker color. If you saturate the color by 10%, you get **118, 140, 195**, and if you desaturate by 10%, it is **158, 168, 195**.

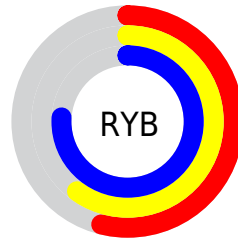
Distribution



Red (54%)

Green (63%)

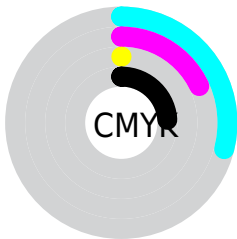
Blue (76%)



Red (54%)

Yellow (60%)

Blue (76%)

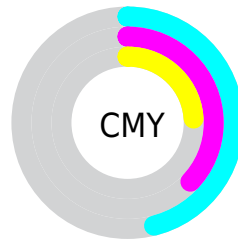


Cyan (29%)

Magenta (18%)

Yellow (0%)

Black (24%)



Cyan (46%)

Magenta (37%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 138, 154, 195 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, 154, 195 by changing the saturation by 10% instead.

■ 138, 154, 195

255, 255, 255

■ 192, 209, 252

■ 221, 234, 255

■ 250, 253, 255

■ 138, 154, 195

■ 112, 128, 168

■ 86, 102, 141

■ 62, 78, 116

■ 37, 54, 91

■ 10, 30, 67

■ 0, 13, 45

■ 0, 1, 24


■ 0, 0, 0

■ 138, 154, 195


■ 138, 154, 195

 118, 140, 195

 158, 168, 195

 99, 126, 195


 177, 182, 195

 79, 112, 195

 195, 196, 195

 60, 98, 195

 208, 216, 195

 41, 84, 195

 219, 235, 195

 21, 70, 195

 232, 255, 195

 2, 56, 195

 210, 255, 195

 0, 55, 195

 195, 255, 195

Harmonies

Analogous

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



117, 146, 190



138, 154, 195



163, 154, 190

Triad

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



138, 154, 195



196, 148, 141



131, 159, 167

Complementary

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



138, 154, 195



174, 195, 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.



127, 163, 138



138, 154, 195



188, 168, 128

Square

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



138, 154, 195



195, 146, 159



141, 172, 122



114, 144, 169

Rectangle

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



138, 154, 195



177, 150, 182



141, 172, 122



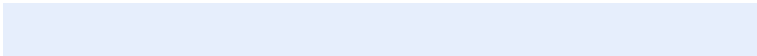
135, 166, 163

Sweetspot

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



138, 154, 195



230, 236, 252



138, 174, 195



113, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



138, 154, 195



164, 189, 252



144, 138, 195



87, 90, 97



0, 45, 161



0, 9, 33

Inverse Universe

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



195, 138, 160



252, 164, 199



138, 195, 144



97, 87, 91



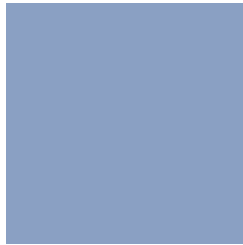
161, 0, 63



33, 0, 13

Previews

White Background



This preview shows how the RYB color 138, 154, 195 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, 154, 195 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, 154, 195 Background



This preview shows how black text looks on a background with the RYB color 138, 154, 195.

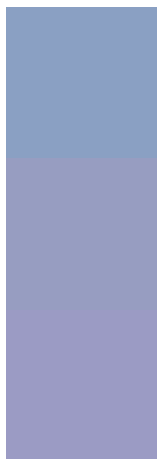


This preview shows how white text looks on a background with the RYB color 138, 154, 195.

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

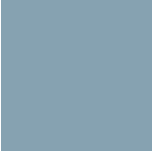
138, 154, 195

Protanopia

151, 156, 193

Deuteranopia

155, 155, 196



Tritanopia
134, 151, 177

Trichromacy



Original Color
138, 154, 195

Protanomaly
146, 156, 194

Deuteranomaly
149, 156, 196

Tritanomaly
135, 152, 184

Monochromacy



Original Color
138, 154, 195

Achromatopsia
158, 158, 158

Achromatomaly
151, 157, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 138, 154, 195 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, 160, 195)` looks like.

```
.text, #text, p{  
    color:rgb(138, 160, 195)  
}
```

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, 160, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 160, 195) }
```

Border

The CSS property to change the border of an element to RYB 138, 154, 195 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, 160, 195) }
```

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

```
.border{ border-color:rgb(138, 160, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 160, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 160, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 160, 195);  
box-shadow:4px 4px 4px 4px rgb(138, 160,  
195) }
```

Background

The CSS property to change the background color of an element to RYB 138, 154, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 160, 195) }
```

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

```
.background{ background-color: rgb(138,  
160, 195) }
```

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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