

Converting Colors

`RYB(138, 148, 160)`

Have a look what the booklet for
RYB(138, 148, 160) contains.

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Color

R_YB(138, 148, 160)

Conversions

Conversions Part 1

Format	Color
Hex	8A9CA0
RGB	138, 156, 160
RGB Percent	54%, 61%, 63%
CMY	0.4588, 0.3869, 0.3725
CMYK	0.14, 0.02, 0.00, 0.37
HSL	190°, 10%, 58%
HSV	190°, 14%, 63%
XYZ	28.7709, 31.8303, 37.8852
YIQ	151.0740, -12.0120, -2.5720

Conversions

Conversions Part 2

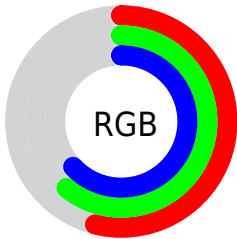
Format	Color
RYB	138, 148, 160
Decimal	9084064
CIELab	63.20, -5.67, -4.11
CIElCh	63, 7.006, 215.955
Yxy	31.8303, 0.2921, 0.3232
Android (android.graphics.Color)	4287274144 (0xFF8A9CA0)
YUV	151.0740, 4.4005, -11.4659
Hunter-Lab	56.4183, -7.7050, -0.3207

Details

The RYB color **138, 148, 160** is a light color, and the websafe version is hex **999999**. A complement of this color would be **160, 143, 138**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **192, 202, 215**, and **88, 97, 109** is the 20% darker color. If you saturate the color by 10%, you get **122, 139, 160**, and if you desaturate by 10%, it is **154, 157, 160**.

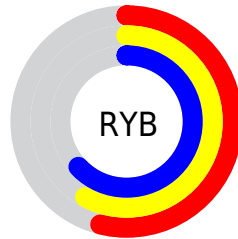
Distribution



Red (54%)

Green (61%)

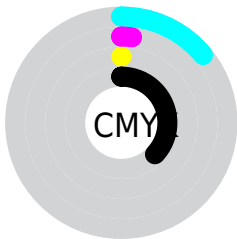
Blue (63%)



Red (54%)

Yellow (58%)

Blue (63%)

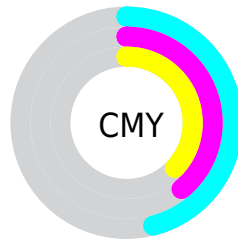


Cyan (14%)

Magenta (2%)

Yellow (0%)

Black (37%)



Cyan (46%)

Magenta (39%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 138, 148, 160 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, 148, 160 by changing the saturation by 10% instead.

 138, 148, 160


255, 255, 255

 192, 202, 215

 220, 230, 243

 248, 252, 255


 138, 148, 160

 112, 122, 134

 88, 97, 109

 64, 73, 84


 42, 51, 61


 21, 29, 39


 0, 9, 19

 0, 0, 0

 138, 148, 160

 122, 139, 160

 138, 148, 160

 154, 157, 160

■ 106, 131, 160

■ 170, 163, 160

■ 90, 122, 160

■ 186, 165, 160

■ 74, 113, 160

■ 202, 168, 160

■ 58, 104, 160

■ 218, 172, 160

■ 42, 96, 160

■ 234, 174, 160

■ 26, 87, 160

■ 250, 178, 160

■ 10, 78, 160

■ 255, 182, 160

■ 0, 73, 160

■ 255, 185, 160

Harmonies

Analogous

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



139, 149, 157



138, 148, 160



142, 150, 164

Triad

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



138, 148, 160



162, 149, 158



146, 157, 141

Complementary

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



138, 148, 160



160, 143, 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.



163, 158, 142



138, 148, 160



166, 149, 152

Square

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



138, 148, 160



156, 151, 163



166, 150, 146



143, 155, 148

Rectangle

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



138, 148, 160



146, 152, 165



166, 150, 146



152, 159, 141

Sweetspot

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



138, 148, 160



201, 205, 209



138, 157, 160



99, 102, 105



232, 232, 232



105, 105, 105

Same Dimension

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



138, 148, 160



174, 190, 209



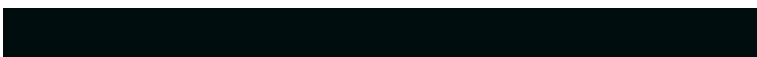
138, 144, 160



71, 75, 79



0, 65, 143



0, 7, 15

Inverse Universe

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



160, 138, 156



209, 174, 203



148, 160, 138



79, 71, 78



143, 0, 119



15, 0, 13

Previews

White Background



This preview shows how the RYB color 138, 148, 160 looks on a white background.

Color Contrast Check

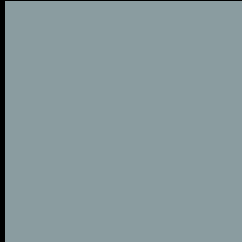
Large Text (above 18pt) WCAG AA × Fail

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, 148, 160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

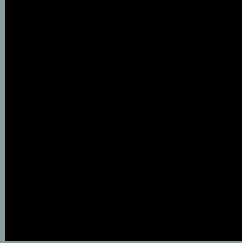
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

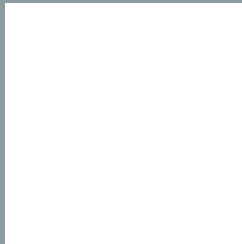
Any Text WCAG AAA ✓ Pass

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

RYP 138, 148, 160 Background



This preview shows how black text looks on a background with the RYB color 138, 148, 160.



This preview shows how white text looks on a background with the RYB color 138, 148, 160.

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, 148, 160

Protanopia
154, 152, 157

Deuteranopia
163, 148, 162



Tritanopia
139, 149, 168

Trichromacy



Original Color

138, 148, 160

Protanomaly

148, 152, 158

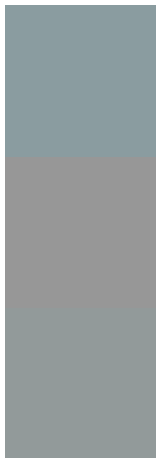
Deuteranomaly

154, 151, 161

Tritanomaly

139, 149, 165

Monochromacy



Original Color

138, 148, 160

Achromatopsia

151, 151, 151

Achromatomaly

146, 150, 154

CSS Examples

Text

The CSS property to change the color of the text to RYB 138, 148, 160 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, 156, 160)` looks like.

```
.text, #text, p{  
    color:rgb(138, 156, 160)  
}
```

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, 156, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 156, 160) }
```

Border

The CSS property to change the border of an element to RYB 138, 148, 160 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, 156, 160) }
```

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

```
.border{ border-color:rgb(138, 156, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 156, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 156, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 156, 160);  
box-shadow:4px 4px 4px 4px rgb(138, 156,  
160) }
```

Background

The CSS property to change the background color of an element to RYB 138, 148, 160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 156, 160) }
```

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

```
.background{ background-color: rgb(138,  
156, 160) }
```

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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