

Converting Colors

`RYB(158, 168, 182)`

Have a look what the booklet for
RYB(158, 168, 182) contains.

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Color

R_YB(158, 168, 182)

Conversions

Conversions Part 1

Format	Color
Hex	9EAFB6
RGB	158, 175, 182
RGB Percent	62%, 69%, 71%
CMY	0.3804, 0.3132, 0.2863
CMYK	0.13, 0.04, 0.00, 0.29
HSL	197°, 14%, 67%
HSV	197°, 13%, 71%
XYZ	37.9018, 41.3621, 50.2420
YIQ	170.7150, -12.3790, -1.4270

Conversions

Conversions Part 2

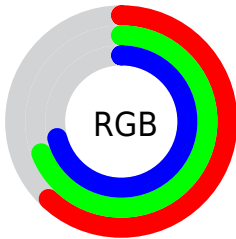
Format	Color
R_{YB}	158, 168, 182
Decimal	10399670
CIE _{Lab}	70.43, -4.51, -5.53
CIE _{LCh}	70, 7.141, 230.799
Yxy	41.3621, 0.2927, 0.3194
Android (android.graphics.Color)	4288589750 (0xFF9EAFB6)
YUV	170.7150, 5.5635, -11.1511
Hunter-Lab	64.3134, -7.3528, -1.2984

Details

The RYB color **158, 168, 182** is a light color, and the websafe version is hex **999999**. A complement of this color would be **182, 168, 158**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **213, 223, 238**, and **106, 116, 129** is the 20% darker color. If you saturate the color by 10%, you get **140, 158, 182**, and if you desaturate by 10%, it is **176, 178, 182**.

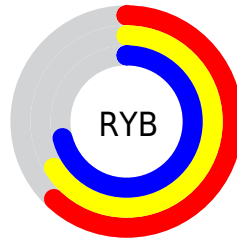
Distribution



Red (62%)

Green (69%)

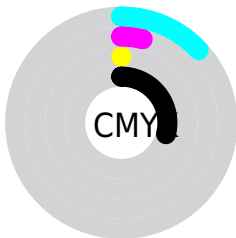
Blue (71%)



Red (62%)

Yellow (66%)

Blue (71%)

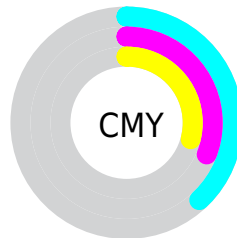


Cyan (13%)

Magenta (4%)

Yellow (0%)

Black (29%)



Cyan (38%)

Magenta (31%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the RYB color 158, 168, 182 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 158, 168, 182 by changing the saturation by 10% instead.

 158, 168, 182

 158, 168, 182

255, 255, 255

 132, 142, 155

 213, 223, 238

 106, 116, 129

 241, 248, 255

 82, 91, 104

 59, 68, 80

 37, 46, 57

 16, 24, 36

 0, 3, 14

 0, 0, 0

 158, 168, 182

 158, 168, 182

■ 140, 158, 182

■ 176, 178, 182

■ 122, 147, 182

■ 194, 188, 182

■ 103, 136, 182

■ 213, 195, 182

■ 85, 125, 182

■ 231, 202, 182

■ 67, 115, 182

■ 249, 209, 182

■ 49, 104, 182

■ 255, 218, 182

■ 31, 94, 182

■ 255, 233, 182

■ 12, 83, 182

■ 255, 249, 182

■ 0, 76, 182

■ 242, 255, 182

Harmonies

Analogous

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



156, 166, 177



158, 168, 182



163, 170, 185

Triad

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



158, 168, 182



184, 168, 174



160, 173, 160

Complementary

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



158, 168, 182



182, 168, 158

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.



176, 180, 160



158, 168, 182



187, 168, 168

Square

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



158, 168, 182



179, 169, 180



185, 172, 162



164, 175, 174

Rectangle

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



158, 168, 182



169, 172, 185



185, 172, 162



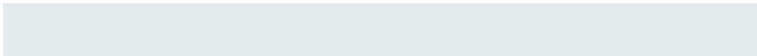
162, 175, 160

Sweetspot

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



158, 168, 182



228, 232, 237



158, 177, 182



114, 116, 120



247, 247, 247



120, 120, 120

Same Dimension

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



158, 168, 182



199, 215, 237



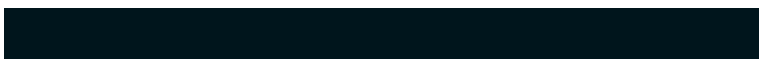
158, 162, 182



83, 87, 92



0, 65, 156



0, 12, 28

Inverse Universe

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



182, 158, 175



237, 199, 226



164, 182, 158



92, 83, 89



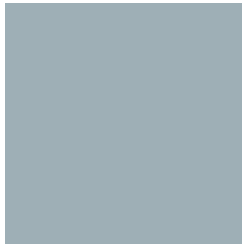
156, 0, 111



28, 0, 20

Previews

White Background



This preview shows how the RYB color 158, 168, 182 looks on a white background.

Color Contrast Check

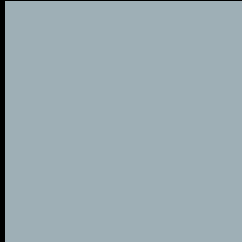
Large Text (above 18pt) WCAG AA × Fail

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 158, 168, 182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

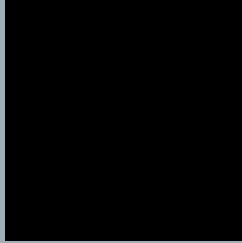
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

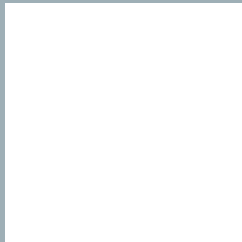
Any Text WCAG AAA ✓ Pass

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

RYB 158, 168, 182 Background



This preview shows how black text looks on a background with the RYB color 158, 168, 182.



This preview shows how white text looks on a background with the RYB color 158, 168, 182.

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](#).

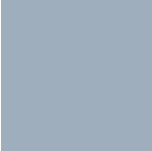
Dichromacy



Original Color
158, 168, 182

Protanopia
173, 171, 180

Deuteranopia
183, 167, 184



Tritanopia
159, 169, 188

Trichromacy



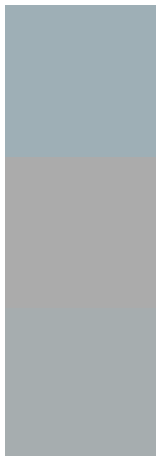
Original Color
158, 168, 182

Protanomaly
168, 172, 181

Deuteranomaly
174, 170, 183

Tritanomaly
159, 169, 186

Monochromacy



Original Color
158, 168, 182

Achromatopsia
171, 171, 171

Achromatomaly
166, 170, 175

CSS Examples

Text

The CSS property to change the color of the text to RYB 158, 168, 182 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(158, 175, 182)` looks like.

```
.text, #text, p{  
    color:rgb(158, 175, 182)  
}
```

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(158, 175, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 175, 182) }
```

Border

The CSS property to change the border of an element to RYB 158, 168, 182 is called "border". The border property can be set on classes, ids or directly on the HTML element.

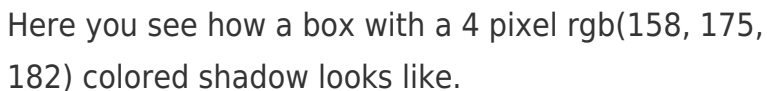
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 175, 182) }
```

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

```
.border{ border-color:rgb(158, 175, 182) }
```

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



Here you see how a box with a 4 pixel `rgb(158, 175, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 175, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 175, 182); box-shadow:4px 4px 4px 4px rgb(158, 175, 182) }
```

Background

The CSS property to change the background color of an element to RYB 158, 168, 182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 175, 182) }
```

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

```
.background{ background-color: rgb(158,  
175, 182) }
```

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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