Converting Colors

RGB(137, 155, 168)

Have a look what the booklet for RGB(137, 155, 168) contains.

Color

RGB(137, 155, 168)

Conversions

Conversions Part 1

Format	Color
Hex	899BA8
RGB	137, 155, 168
RGB Percent	54%, 61%, 66%
CMY	0.4627, 0.3922, 0.3412
CMYK	0.18, 0.08, 0.00, 0.34
HSL	205°, 15%, 60%
HSV	205°, 18%, 66%
XYZ	29.1058, 31.5882, 41.6089
YIQ	151.1000, -14.9010, 0.2270

Conversions

Conversions Part 2

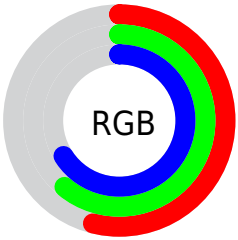
Format	Color
RYB	137, 148, 168
Decimal	9018280
CIELab	63.00, -3.51, -8.93
CIELCh	63, 9.590, 248.555
Yxy	31.5882, 0.2845, 0.3088
Android (android.graphics.Color)	4287208360 (0xFF899BA8)
YUV	151.1000, 8.3317, -12.3657
Hunter-Lab	56.2034, -5.9171, -4.5516

Details

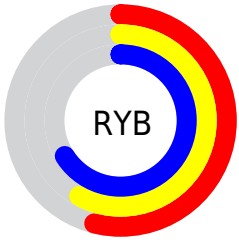
The RGB color 137, 155, 168 is a light color, and the websafe version is hex 999999. A complement of this color would be 168, 150, 137, and the grayscale version is 151, 151, 151.

A 20% lighter version of the original color is 191, 209, 223, and 87, 104, 116 is the 20% darker color. If you saturate the color by 10%, you get 120, 148, 168, and if you desaturate by 10%, it is 154, 162, 168.

Distribution

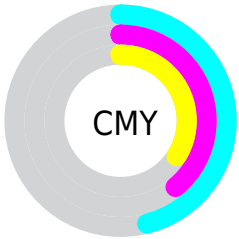


- Red (54%)
- Green (61%)
- Blue (66%)



- Red (54%)
- Yellow (58%)
- Blue (66%)

- Cyan (18%)
- Magenta (8%)
- Yellow (0%)
- Black (34%)



- Cyan (46%)
- Magenta (39%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RGB color 137, 155, 168 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 RGB color 137, 155, 168 by changing the saturation by 10% instead.

137, 155, 168

255, 255, 255

191, 209, 223

219, 238, 252

247, 255, 255

137, 155, 168

111, 129, 142

87, 104, 116

63, 80, 91

40, 57, 68

19, 36, 46

0, 14, 25

0, 0, 0

137, 155, 168

120, 148, 168

137, 155, 168

154, 162, 168

103, 141, 168	171, 169, 168
87, 134, 168	187, 176, 168
70, 127, 168	204, 183, 168
53, 120, 168	221, 190, 168
36, 113, 168	238, 197, 168
19, 106, 168	255, 204, 168
3, 99, 168	255, 211, 168
0, 98, 168	255, 218, 168

Harmonies

Analogous

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

132, 157, 163

137, 155, 168

147, 152, 169

Triad

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

137, 155, 168

171, 147, 150

147, 155, 139

Complementary

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

137, 155, 168

168, 150, 137

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.

157, 153, 136

137, 155, 168

170, 148, 142

Square

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

137, 155, 168

166, 147, 159

165, 150, 137

138, 157, 146

Rectangle

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

137, 155, 168

154, 150, 167

165, 150, 137

150, 154, 137

Sweetspot

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

137, 155, 168

206, 214, 219

137, 168, 150

102, 106, 110

237, 237, 237

110, 110, 110

Same Dimension

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

137, 155, 168

171, 199, 219

137, 140, 168

76, 81, 84

0, 86, 148

0, 12, 20

Inverse Universe

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

168, 137, 155

219, 171, 199

168, 165, 137

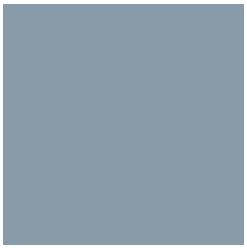
84, 76, 81

148, 0, 86

20, 0, 12

Previews

White Background

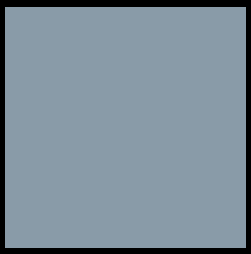


This preview shows how the RGB color 137, 155, 168 looks on a white background.

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



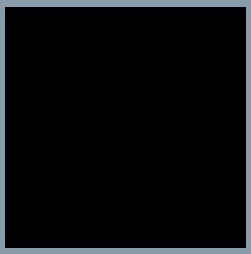
This preview shows how the RGB color 137, 155, 168 looks on a black background.

Color Contrast Check

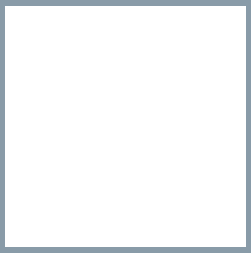
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 137, 155, 168 Background



This preview shows how black text looks on a background with the RGB color 137, 155, 168.



This preview shows how white text looks on a background with the RGB color 137, 155, 168.

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

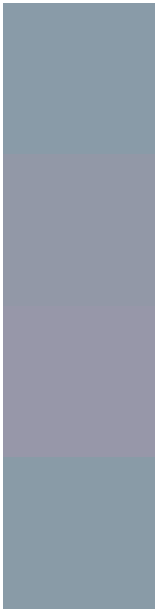
Original Color
137, 155, 168

Protanopia
151, 151, 166

Deuteranopia
159, 148, 169

Tritanopia
137, 155, 167

Trichromacy



Original Color
137, 155, 168

Protanomaly
146, 152, 167

Deuteranomaly
151, 151, 169

Tritanomaly
137, 155, 167

Monochromacy

Original Color
137, 155, 168

Achromatopsia
151, 151, 151

Achromatomaly
146, 152, 157

CSS Examples

Text

The CSS property to change the color of the text to RGB 137, 155, 168 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(137, 155, 168) looks like.

```
.text, #text, p{
    color:rgb(137, 155, 168)
}
```

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(137, 155, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 155, 168) }
```

Border

The CSS property to change the border of an element to RGB 137, 155, 168 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(137, 155, 168) }
```

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

```
.border{ border-color:rgb(137, 155, 168) }
```

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

Here you see how a box with a 4 pixel rgb(137, 155, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 155, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 155, 168); box-shadow:4px 4px 4px 4px rgb(137, 155, 168) }
```

Background

The CSS property to change the background color of an element to RGB 137, 155, 168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(137, 155, 168) }
```

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

```
.background{ background-color:rgb(137,
155, 168) }
```

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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