Converting Colors

RYB(141, 168, 180)

Have a look what the booklet for RYB(141, 168, 180) contains.

Color

RYB(141, 168, 180)

Conversions

Conversions Part 1

Format	Color
Hex	8DB49E
RGB	141, 180, 158
RGB Percent	55%, 71%, 62%
CMY	0.4471, 0.2941, 0.3791
CMYK	0.22, 0.00, 0.12, 0.29
HSL	147°, 21%, 63%
HSV	147°, 22%, 71%
XYZ	33.5061, 40.7854, 38.6048
YIQ	165.8310, -16.1820, -15.1100

Conversions

Conversions Part 2

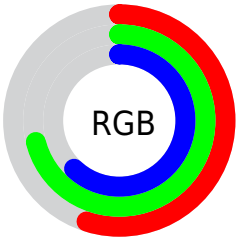
Format	Color
RYB	141, 168, 180
Decimal	9286814
CIELab	70.03, -17.59, 6.76
CIELCh	70, 18.846, 158.963
Yxy	40.7854, 0.2968, 0.3613
Android (android.graphics.Color)	4287476894 (0xFF8DB49E)
YUV	165.8310, -3.8607, -21.7768
Hunter-Lab	63.8634, -18.1106, 8.8642

Details

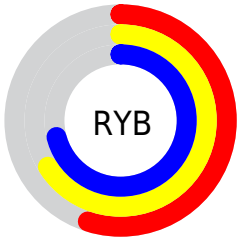
The RYB color 141, 168, 180 is a light color, and the websafe version is hex 99CCCC. A complement of this color would be 180, 141, 163, and the grayscale version is 166, 166, 166.

A 20% lighter version of the original color is 195, 223, 236, and 90, 115, 127 is the 20% darker color. If you saturate the color by 10%, you get 123, 163, 180, and if you desaturate by 10%, it is 159, 174, 180.

Distribution

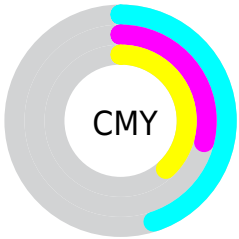


- Red (55%)
- Green (71%)
- Blue (62%)



- Red (55%)
- Yellow (66%)
- Blue (71%)

- Cyan (22%)
- Magenta (0%)
- Yellow (12%)
- Black (29%)



- Cyan (45%)
- Magenta (29%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 141, 168, 180 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 141, 168, 180 by changing the saturation by 10% instead.

141, 168, 180

255, 255, 255

195, 223, 236

223, 243, 255

252, 254, 255

141, 168, 180

115, 141, 153

90, 115, 127

66, 90, 102

42, 66, 78

20, 43, 55

0, 22, 33

0, 0, 0

141, 168, 180

123, 163, 180

141, 168, 180

159, 174, 180

105, 157, 180

87, 152, 180

69, 146, 180

51, 140, 180

33, 135, 180

15, 129, 180

0, 125, 180

177, 179, 180

195, 180, 188

213, 180, 198

231, 180, 208

249, 180, 218

255, 180, 228

255, 180, 238

255, 180, 248

Harmonies

Analogous

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

144, 177, 161

141, 168, 180

128, 156, 181

Triad

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

141, 168, 180

158, 168, 205

205, 164, 150

Complementary

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

141, 168, 180

180, 141, 163

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.

206, 159, 167

141, 168, 180

181, 165, 198

Square

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

141, 168, 180

137, 162, 203

198, 161, 184

195, 189, 140

Rectangle

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

141, 168, 180

125, 154, 187

198, 161, 184

207, 161, 155

Sweetspot

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

141, 168, 180

218, 230, 235

141, 180, 158

108, 114, 117

245, 245, 245

117, 117, 117

Same Dimension

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

141, 168, 180

174, 216, 235

141, 161, 180

80, 86, 89

0, 106, 153

0, 18, 26

Inverse Universe

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

180, 141, 163

235, 174, 207

180, 141, 144

89, 80, 85

153, 0, 85

26, 0, 14

Previews

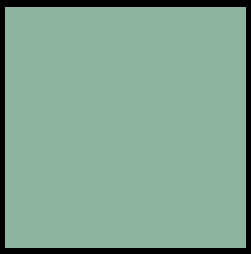
White Background

This preview shows how the RYB color 141, 168, 180 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



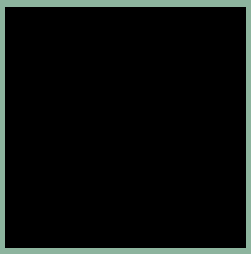
This preview shows how the RYB color 141, 168, 180 looks on a black background.

Color Contrast Check

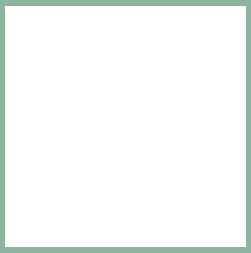
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RYB 141, 168, 180 Background



This preview shows how black text looks on a background with the RYB color 141, 168, 180.



This preview shows how white text looks on a background with the RYB color 141, 168, 180.

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

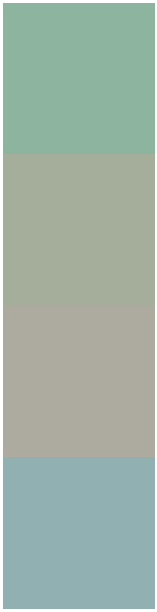
Original Color
141, 168, 180

Protanopia
165, 178, 153

Deuteranopia
191, 166, 161

Tritanopia
147, 164, 190

Trichromacy



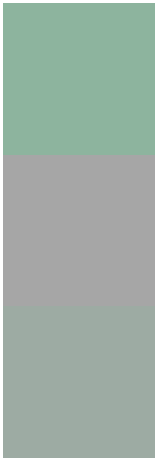
Original Color
141, 168, 180

Protanomaly
155, 174, 164

Deuteranomaly
164, 173, 160

Tritanomaly
145, 161, 178

Monochromacy



Original Color
141, 168, 180

Achromatopsia
166, 166, 166

Achromatomaly
157, 167, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 141, 168, 180 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(141, 180, 158) looks like.

```
.text, #text, p{
    color:rgb(141, 180, 158)
}
```

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(141, 180, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 180, 158) }
```

Border

The CSS property to change the border of an element to RYB 141, 168, 180 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(141, 180, 158) }
```

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

```
.border{ border-color:rgb(141, 180, 158) }
```

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

Here you see how a box with a 4 pixel rgb(141, 180, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 180, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 180, 158); box-shadow:4px 4px 4px 4px rgb(141, 180, 158) }
```

Background

The CSS property to change the background color of an element to RYB 141, 168, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(141, 180, 158) }
```

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

```
.background{ background-color:rgb(141,
180, 158) }
```

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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