Converting Colors

RYB(144, 198, 212)

Have a look what the booklet for RYB(144, 198, 212) contains.

Color

RYB(144, 198, 212)

Conversions

Conversions Part 1

Format	Color
Hex	90D4A2
RGB	144, 212, 162
RGB Percent	56%, 83%, 64%
CMY	0.4353, 0.1686, 0.3662
CMYK	0.32, 0.00, 0.24, 0.17
HSL	136°, 44%, 70%
HSV	136°, 32%, 83%
XYZ	41.5338, 55.6117, 42.5551
YIQ	185.9680, -24.4780, -29.9660

Conversions

Conversions Part 2

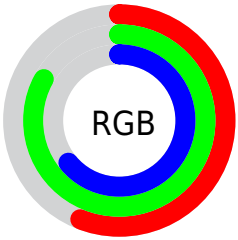
Format	Color
RYB	144, 198, 212
Decimal	9491618
CIELab	79.39, -31.75, 18.24
CIELCh	79, 36.618, 150.120
Yxy	55.6117, 0.2973, 0.3981
Android (android.graphics.Color)	4287681698 (0xFF90D4A2)
YUV	185.9680, -11.8162, -36.8059
Hunter-Lab	74.5733, -31.0872, 18.3675

Details

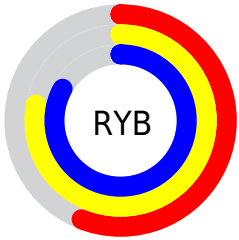
The RYB color 144, 198, 212 is a light color, and the websafe version is hex 99CC99. A complement of this color would be 212, 144, 194, and the grayscale version is 186, 186, 186.

A 20% lighter version of the original color is 199, 241, 255, and 91, 142, 157 is the 20% darker color. If you saturate the color by 10%, you get 123, 194, 212, and if you desaturate by 10%, it is 165, 202, 212.

Distribution

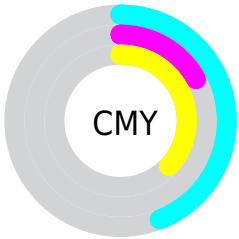


- Red (56%)
- Green (83%)
- Blue (64%)



- Red (56%)
- Yellow (78%)
- Blue (83%)

- Cyan (32%)
- Magenta (0%)
- Yellow (24%)
- Black (17%)



- Cyan (44%)
- Magenta (17%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 144, 198, 212 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 144, 198, 212 by changing the saturation by 10% instead.

144, 198, 212

255, 255, 255

199, 241, 255

228, 245, 255

144, 198, 212

117, 170, 184

91, 142, 157

65, 116, 131

39, 88, 105

6, 57, 80

0, 43, 57

0, 36, 36

0, 0, 0

144, 198, 212

144, 198, 212

123, 194, 212

102, 190, 212

80, 184, 212

59, 180, 212

38, 176, 212

17, 172, 212

0, 168, 212

165, 202, 212

186, 206, 212

208, 211, 212

229, 212, 224

250, 212, 240

255, 212, 255

Harmonies

Analogous

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

137, 205, 158

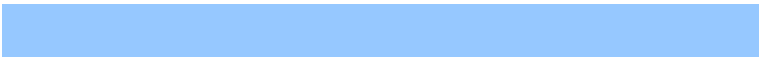
144, 198, 212

104, 165, 215

Triad

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

144, 198, 212



150, 184, 255

255, 175, 164

Complementary

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

144, 198, 212

212, 144, 194

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.

255, 171, 198

144, 198, 212

201, 188, 255

Square

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

144, 198, 212

100, 164, 255

240, 177, 231

248, 213, 139

Rectangle

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

144, 198, 212

83, 150, 219

240, 177, 231

255, 172, 175

Sweetspot

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

144, 198, 212

230, 250, 255

144, 212, 161

112, 125, 128

0, 0, 0

128, 128, 128

Same Dimension

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

144, 198, 212

158, 235, 255

144, 183, 212

96, 105, 107

0, 136, 171

0, 34, 43

Inverse Universe

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

212, 144, 194

255, 158, 230

212, 144, 161

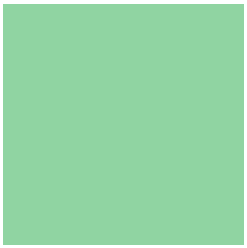
107, 96, 104

171, 0, 127

43, 0, 32

Previews

White Background

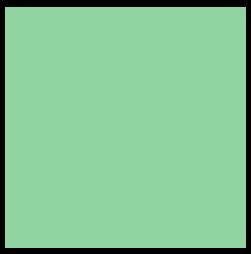


This preview shows how the RYB color 144, 198, 212 looks on a white background.

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



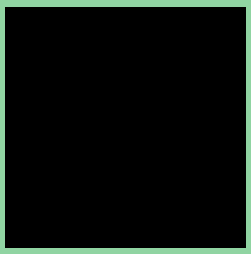
This preview shows how the RYB color 144, 198, 212 looks on a black background.

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 144, 198, 212 Background



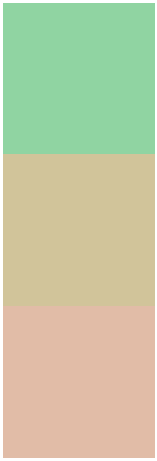
This preview shows how black text looks on a background with the RYB color 144, 198, 212.

This preview shows how white text looks on a background with the RYB color 144, 198, 212.

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



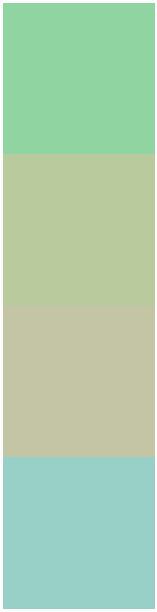
Original Color
144, 198, 212

Protanopia
171, 209, 154

Deuteranopia
225, 200, 167

Tritanopia
156, 184, 221

Trichromacy



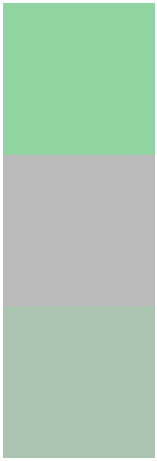
Original Color
144, 198, 212

Protanomaly
157, 202, 174

Deuteranomaly
165, 197, 166

Tritanomaly
152, 182, 207

Monochromacy



Original Color
144, 198, 212

Achromatopsia
186, 186, 186

Achromatomaly
171, 190, 195

CSS Examples

Text

The CSS property to change the color of the text to RYB 144, 198, 212 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(144, 212, 162) looks like.

```
.text, #text, p{
    color:rgb(144, 212, 162)
}
```

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(144, 212, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 212, 162) }
```

Border

The CSS property to change the border of an element to RYB 144, 198, 212 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(144, 212, 162) }
```

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

```
.border{ border-color:rgb(144, 212, 162) }
```

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

Here you see how a box with a 4 pixel rgb(144, 212, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(144, 212, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(144, 212, 162); box-shadow:4px 4px 4px 4px rgb(144, 212, 162) }
```

Background

The CSS property to change the background color of an element to RYB 144, 198, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(144, 212, 162) }
```

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

```
.background{ background-color:rgb(144,
212, 162) }
```

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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