Converting Colors

RYB(146, 179, 183)

Have a look what the booklet for RYB(146, 179, 183) contains.

Color

RYB(146, 179, 183)

Conversions

Conversions Part 1

Format	Color
Hex	92B796
RGB	146, 183, 150
RGB Percent	57%, 72%, 59%
CMY	0.4275, 0.2824, 0.4099
CMYK	0.20, 0.00, 0.18, 0.28
HSL	127°, 20%, 65%
HSV	127°, 20%, 72%
XYZ	34.3317, 42.1956, 35.3944
YIQ	168.1750, -11.4590, -18.1070

Conversions

Conversions Part 2

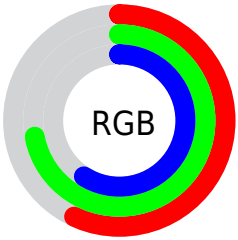
Format	Color
RYB	146, 179, 183
Decimal	9615254
CIELab	71.01, -18.94, 12.49
CIELCh	71, 22.687, 146.587
Yxy	42.1956, 0.3067, 0.3770
Android (android.graphics.Color)	4287805334 (0xFF92B796)
YUV	168.1750, -8.9603, -19.4475
Hunter-Lab	64.9582, -19.3359, 13.1648

Details

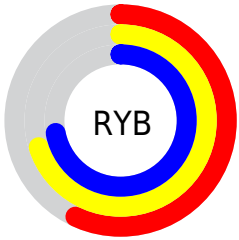
The RYB color 146, 179, 183 is a light color, and the websafe version is hex 99CC99. A complement of this color would be 183, 146, 179, and the grayscale version is 168, 168, 168.

A 20% lighter version of the original color is 200, 235, 239, and 95, 126, 130 is the 20% darker color. If you saturate the color by 10%, you get 128, 178, 183, and if you desaturate by 10%, it is 164, 180, 183.

Distribution

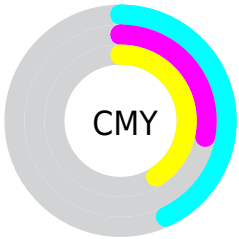


- Red (57%)
- Green (72%)
- Blue (59%)



- Red (57%)
- Yellow (70%)
- Blue (72%)

- Cyan (20%)
- Magenta (0%)
- Yellow (18%)
- Black (28%)



- Cyan (43%)
- Magenta (28%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 146, 179, 183 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 146, 179, 183 by changing the saturation by 10% instead.

146, 179, 183

255, 255, 255

200, 235, 239

229, 252, 255

146, 179, 183

120, 152, 156

95, 126, 130

70, 100, 105

47, 75, 80

24, 51, 57

3, 30, 35

0, 7, 7

0, 0, 0

146, 179, 183

146, 179, 183

128, 178, 183

109, 175, 183

91, 173, 183

73, 171, 183

55, 170, 183

36, 167, 183

18, 165, 183

0, 163, 183

164, 180, 183

183, 183, 183

201, 183, 199

219, 183, 215

238, 183, 231

255, 183, 247

255, 183, 255

Harmonies

Analogous

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

137, 178, 145

146, 179, 183

125, 159, 185

Triad

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

146, 179, 183

146, 167, 215

216, 160, 156

Complementary

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

146, 179, 183

183, 146, 179

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.

213, 159, 177

146, 179, 183

174, 169, 211

Square

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

146, 179, 183

123, 158, 208

198, 163, 197

208, 180, 140

Rectangle

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

146, 179, 183

117, 152, 186

198, 163, 197

216, 159, 163

Sweetspot

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

146, 179, 183

223, 235, 237

146, 183, 150

111, 119, 120

247, 247, 247

120, 120, 120

Same Dimension

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

146, 179, 183

180, 231, 237

146, 169, 183

83, 91, 92

0, 139, 156

0, 25, 28

Inverse Universe

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

183, 146, 179

237, 180, 230

183, 146, 160

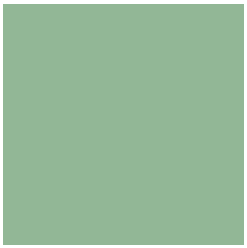
92, 83, 91

156, 0, 137

28, 0, 25

Previews

White Background

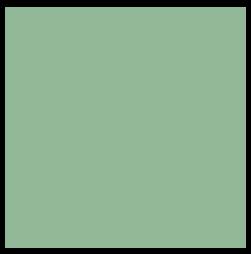


This preview shows how the RYB color 146, 179, 183 looks on a white background.

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



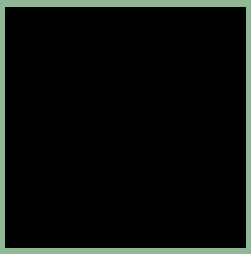
This preview shows how the RYB color 146, 179, 183 looks on a black background.

Color Contrast Check

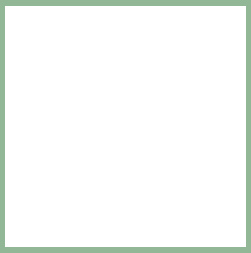
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RYB 146, 179, 183 Background



This preview shows how black text looks on a background with the RYB color 146, 179, 183.



This preview shows how white text looks on a background with the RYB color 146, 179, 183.

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

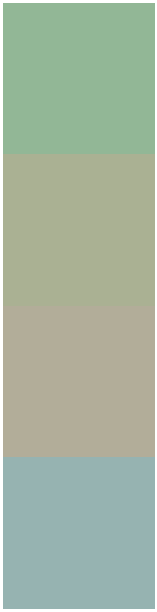
Original Color
146, 179, 183

Protanopia
159, 183, 145

Deuteranopia
197, 173, 154

Tritanopia
153, 168, 191

Trichromacy



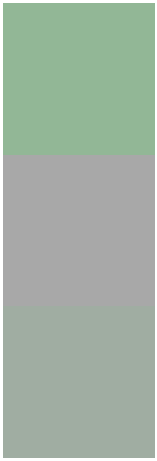
Original Color
146, 179, 183

Protanomaly
147, 177, 154

Deuteranomaly
159, 178, 153

Tritanomaly
150, 165, 179

Monochromacy



Original Color
146, 179, 183

Achromatopsia
168, 168, 168

Achromatomaly
160, 171, 173

CSS Examples

Text

The CSS property to change the color of the text to RYB 146, 179, 183 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(146, 183, 150) looks like.

```
.text, #text, p{
    color:rgb(146, 183, 150)
}
```

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(146, 183, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 183, 150) }
```

Border

The CSS property to change the border of an element to RYB 146, 179, 183 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(146, 183, 150) }
```

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

```
.border{ border-color:rgb(146, 183, 150) }
```

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

Here you see how a box with a 4 pixel rgb(146, 183, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 183, 150); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 183, 150); box-shadow:4px 4px 4px 4px rgb(146, 183, 150) }
```

Background

The CSS property to change the background color of an element to RYB 146, 179, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(146, 183, 150) }
```

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

```
.background{ background-color:rgb(146,
183, 150) }
```

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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