Converting Colors

RYB(146, 179, 201)

Have a look what the booklet for RYB(146, 179, 201) contains.

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Color

RYB(146, 179, 201)

Conversions

Conversions Part 1

Format	Color
Hex	92C9B7
RGB	146, 201, 183
RGB Percent	57%, 79%, 72%
CMY	0.4275, 0.2118, 0.2837
CMYK	0.27, 0.00, 0.09, 0.21
HSL	160°, 34%, 68%
HSV	160°, 27%, 79%
XYZ	41.2533, 51.2893, 52.3436
YIQ	182.5030, -27.0020, -17.2580

Conversions

Conversions Part 2

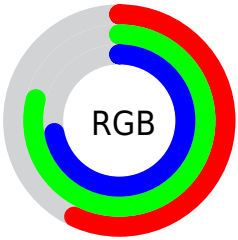
Format	Color
RYB	146, 179, 201
Decimal	9619895
CIELab	76.85, -21.66, 3.42
CIELCh	77, 21.933, 171.033
Yxy	51.2893, 0.2847, 0.3540
Android (android.graphics.Color)	4287809975 (0xFF92C9B7)
YUV	182.5030, 0.2450, -32.0131
Hunter-Lab	71.6166, -22.5076, 6.7973

Details

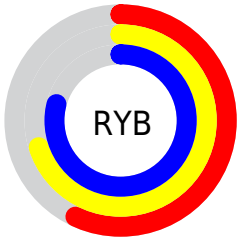
The RYB color 146, 179, 201 is a light color, and the websafe version is hex 99CCCC. A complement of this color would be 201, 146, 164, and the grayscale version is 182, 182, 182.

A 20% lighter version of the original color is 201, 233, 255, and 94, 126, 147 is the 20% darker color. If you saturate the color by 10%, you get 126, 171, 201, and if you desaturate by 10%, it is 166, 187, 201.

Distribution

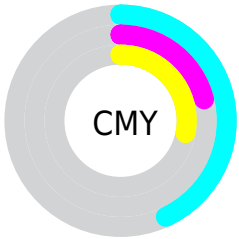


- Red (57%)
- Green (79%)
- Blue (72%)



- Red (57%)
- Yellow (70%)
- Blue (79%)

- Cyan (27%)
- Magenta (0%)
- Yellow (9%)
- Black (21%)



- Cyan (43%)
- Magenta (21%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 146, 179, 201 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, 201 by changing the saturation by 10% instead.

146, 179, 201

255, 255, 255

201, 233, 255

230, 243, 255

146, 179, 201

119, 152, 174

94, 126, 147

68, 99, 121

44, 74, 96

17, 49, 72

0, 28, 49

0, 19, 29

0, 0, 0

146, 179, 201

146, 179, 201

126, 171, 201

106, 163, 201

86, 155, 201

66, 147, 201

46, 139, 201

25, 131, 201

5, 122, 201

0, 121, 201

166, 187, 201

186, 195, 201

206, 201, 203

226, 201, 209

247, 201, 216

255, 201, 223

255, 201, 230

255, 201, 236

255, 201, 243

Harmonies

Analogous

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

164, 198, 195

146, 179, 201

134, 168, 203

Triad

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

146, 179, 201

185, 187, 227

226, 190, 159

Complementary

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

146, 179, 201

201, 146, 164

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.

232, 176, 176

146, 179, 201

210, 180, 215

Square

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

146, 179, 201

158, 181, 229

227, 176, 197

192, 211, 150

Rectangle

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

146, 179, 201

135, 171, 216

227, 176, 197

229, 182, 164

Sweetspot

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

146, 179, 201

235, 247, 255

146, 201, 183

115, 123, 128

0, 0, 0

128, 128, 128

Same Dimension

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

146, 179, 201

171, 221, 255

146, 171, 201

90, 95, 99

0, 98, 163

0, 22, 36

Inverse Universe

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

201, 146, 164

255, 171, 199

201, 157, 146

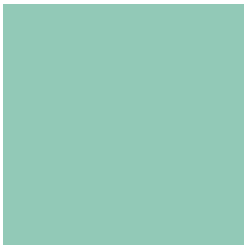
99, 90, 93

163, 0, 54

36, 0, 12

Previews

White Background

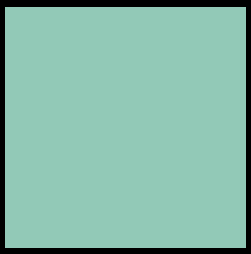


This preview shows how the RYB color 146, 179, 201 looks on a white background.

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



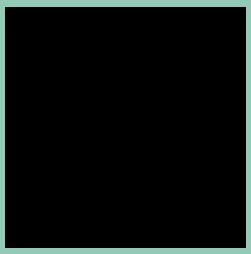
This preview shows how the RYB color 146, 179, 201 looks on a black background.

Color Contrast Check

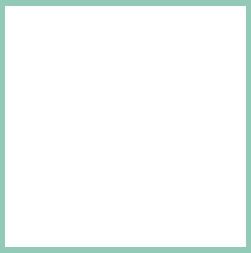
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RYB 146, 179, 201 Background



This preview shows how black text looks on a background with the RYB color 146, 179, 201.



This preview shows how white text looks on a background with the RYB color 146, 179, 201.

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

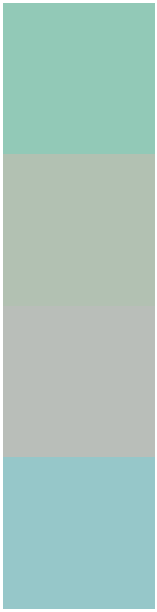
Original Color
146, 179, 201

Protanopia
189, 196, 176

Deuteranopia
208, 183, 186

Tritanopia
152, 178, 212

Trichromacy



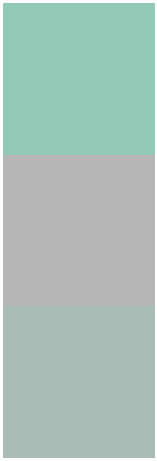
Original Color
146, 179, 201

Protanomaly
178, 193, 193

Deuteranomaly
185, 190, 190

Tritanomaly
150, 175, 201

Monochromacy



Original Color
146, 179, 201

Achromatopsia
182, 182, 182

Achromatomaly
169, 181, 189

CSS Examples

Text

The CSS property to change the color of the text to RYB 146, 179, 201 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, 201, 183) looks like.

```
.text, #text, p{
    color:rgb(146, 201, 183)
}
```

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, 201, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 201, 183) }
```

Border

The CSS property to change the border of an element to RYB 146, 179, 201 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, 201, 183) }
```

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

```
.border{ border-color:rgb(146, 201, 183) }
```

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

Here you see how a box with a 4 pixel rgb(146, 201, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 201, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 201, 183); box-shadow:4px 4px 4px 4px rgb(146, 201, 183) }
```

Background

The CSS property to change the background color of an element to RYB 146, 179, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(146, 201, 183) }
```

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

```
.background{ background-color:rgb(146,
201, 183) }
```

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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