

Converting Colors

`RYB(142, 168, 186)`

Have a look what the booklet for
RYB(142, 168, 186) contains.

RYB(142, 168, 186)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(142, 168, 186)

Conversions

Conversions Part 1

Format	Color
Hex	8EBAAC
RGB	142, 186, 172
RGB Percent	56%, 73%, 67%
CMY	0.4431, 0.2706, 0.3237
CMYK	0.24, 0.00, 0.07, 0.27
HSL	162°, 24%, 64%
HSV	162°, 24%, 73%
XYZ	36.2050, 43.8649, 45.8211
YIQ	171.2480, -21.7300, -13.6820

Conversions

Conversions Part 2

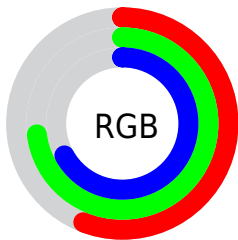
Format	Color
RYB	142, 168, 186
Decimal	9353900
CIELab	72.14, -17.46, 2.09
CIElCh	72, 17.581, 173.185
Yxy	43.8649, 0.2876, 0.3484
Android (android.graphics.Color)	4287543980 (0xFF8EBAAC)
YUV	171.2480, 0.3707, -25.6505
Hunter-Lab	66.2306, -18.3263, 5.3421

Details

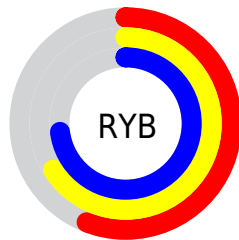
The RYB color **142, 168, 186** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **186, 142, 156**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **196, 223, 242**, and **91, 116, 133** is the 20% darker color. If you saturate the color by 10%, you get **123, 160, 186**, and if you desaturate by 10%, it is **161, 176, 186**.

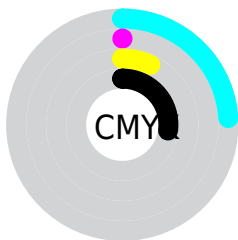
Distribution



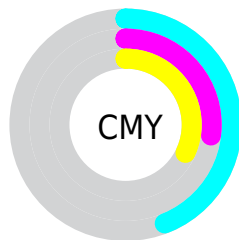
- Red (56%)
- Green (73%)
- Blue (67%)



- Red (56%)
- Yellow (66%)
- Blue (73%)



- Cyan (24%)
- Magenta (0%)
- Yellow (7%)
- Black (27%)



- Cyan (44%)
- Magenta (27%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 142, 168, 186 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 142, 168, 186 by changing the saturation by 10% instead.


 142, 168, 186

255, 255, 255


 196, 223, 242

 225, 240, 255

254, 255, 255

 142, 168, 186

 116, 141, 159


 91, 116, 133

 66, 90, 107


 42, 66, 83


 18, 42, 60

 0, 22, 38

 0, 12, 14

 0, 0, 0

 142, 168, 186

 142, 168, 186

■ 123, 160, 186

■ 161, 176, 186

■ 105, 153, 186

■ 179, 183, 186

■ 86, 145, 186

■ 198, 186, 190

■ 68, 138, 186

■ 216, 186, 195

■ 49, 130, 186

■ 235, 186, 201

■ 30, 122, 186

■ 254, 186, 207

■ 12, 115, 186

■ 255, 186, 213

■ 0, 110, 186

■ 255, 186, 218

■ 255, 186, 224

Harmonies

Analogous

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



157, 184, 183



142, 168, 186



134, 161, 189

Triad

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



142, 168, 186



175, 174, 206



206, 177, 152

Complementary

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



142, 168, 186



186, 142, 156

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.



211, 166, 165



142, 168, 186



194, 169, 196

Square

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



142, 168, 186



154, 171, 208



207, 166, 181



176, 193, 145

Rectangle

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



142, 168, 186



136, 163, 198



207, 166, 181



208, 172, 156

Sweetspot

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



142, 168, 186



225, 235, 242



142, 186, 172



113, 118, 122



250, 250, 250



122, 122, 122

Same Dimension

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



142, 168, 186



174, 214, 242



142, 162, 186



83, 88, 92



0, 92, 156



0, 17, 28

Inverse Universe

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



186, 142, 156



242, 174, 195



186, 152, 142



92, 83, 85



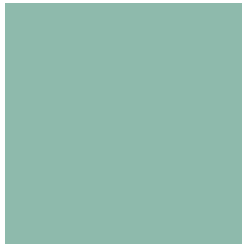
156, 0, 48



28, 0, 9

Previews

White Background



This preview shows how the RYB color 142, 168, 186 looks on a white background.

Color Contrast Check

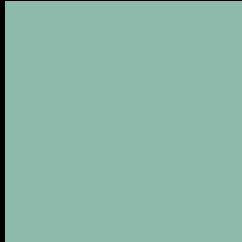
Large Text (above 18pt) WCAG AA × Fail

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 142, 168, 186 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 142, 168, 186 Background



This preview shows how black text looks on a background with the RYB color 142, 168, 186.

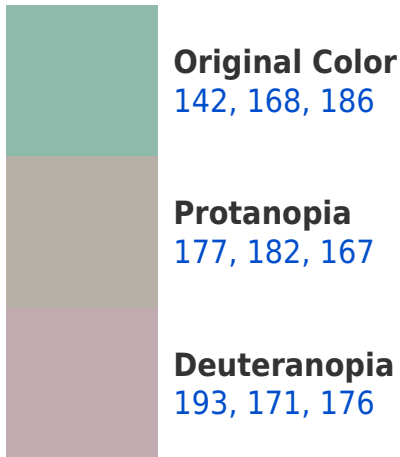


This preview shows how white text looks on a background with the RYB color 142, 168, 186.

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





Tritanopia
147, 168, 197

Trichromacy



Original Color
142, 168, 186

Protanomaly
167, 178, 180

Deuteranomaly
174, 175, 176

Tritanomaly
145, 165, 188

Monochromacy



Original Color
142, 168, 186

Achromatopsia
171, 171, 171

Achromatomaly
160, 169, 176

CSS Examples

Text

The CSS property to change the color of the text to RYB 142, 168, 186 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(142, 186, 172)` looks like.

```
.text, #text, p{  
    color:rgb(142, 186, 172)  
}
```

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(142, 186, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 186, 172) }
```

Border

The CSS property to change the border of an element to RYB 142, 168, 186 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(142, 186, 172) }
```

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

```
.border{ border-color:rgb(142, 186, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 186, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 186, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 186, 172);  
box-shadow:4px 4px 4px 4px rgb(142, 186,  
172) }
```

Background

The CSS property to change the background color of an element to RYB 142, 168, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 186, 172) }
```

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

```
.background{ background-color: rgb(142,  
186, 172) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor