

Converting Colors

`RYB(142, 186, 185)`

Have a look what the booklet for
RYB(142, 186, 185) contains.

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Color

R_YB(142, 186, 185)

Conversions

Conversions Part 1

Format	Color
Hex	8FBA8E
RGB	143, 186, 142
RGB Percent	56%, 73%, 56%
CMY	0.4392, 0.2706, 0.4431
CMYK	0.23, 0.00, 0.24, 0.27
HSL	119°, 24%, 64%
HSV	119°, 24%, 73%
XYZ	33.7691, 42.9104, 32.0939
YIQ	168.1270, -11.5040, -22.8000

Conversions

Conversions Part 2

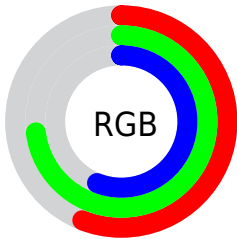
Format	Color
RYB	142, 186, 185
Decimal	9419406
CIELab	71.49, -23.00, 17.75
CIELCh	71, 29.052, 142.340
Yxy	42.9104, 0.3105, 0.3945
Android (android.graphics.Color)	4287609486 (0xFF8FBA8E)
YUV	168.1270, -12.8806, -22.0364
Hunter-Lab	65.5061, -22.6169, 16.8058

Details

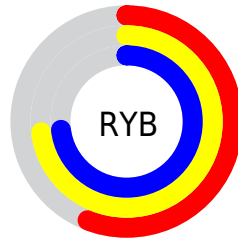
The RYB color **142, 186, 185** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **185, 142, 186**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **196, 242, 241**, and **92, 133, 133** is the 20% darker color. If you saturate the color by 10%, you get **123, 186, 184**, and if you desaturate by 10%, it is **161, 186, 186**.

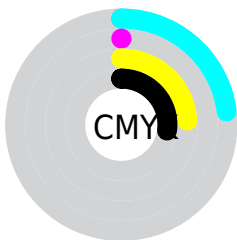
Distribution



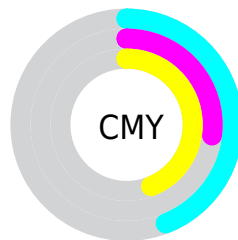
- Red (56%)
- Green (73%)
- Blue (56%)



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



- Cyan (23%)
- Magenta (0%)
- Yellow (24%)
- Black (27%)



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

Brightness & Saturation Gradients

These gradients show how the RYB color 142, 186, 185 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, 186, 185 by changing the saturation by 10% instead.


 142, 186, 185


255, 255, 255


 196, 242, 241


 224, 255, 253

253, 255, 253

 142, 186, 185

 116, 159, 158


 92, 133, 133

 67, 106, 107


 43, 81, 83


 19, 55, 59

 0, 37, 37


 0, 10, 10


 0, 0, 0

 142, 186, 185


 142, 186, 185


 123, 186, 184


 161, 186, 186

 105, 186, 184


 179, 186, 186


 86, 186, 184


 198, 186, 198


 68, 186, 184


 216, 186, 216

 49, 186, 183

 234, 186, 235

 30, 186, 182

 252, 186, 254

 12, 186, 182

 255, 186, 255

 0, 186, 182

Harmonies

Analogous

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



126, 180, 133



142, 186, 185



113, 157, 189

Triad

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



142, 186, 185



131, 163, 227



229, 156, 156

Complementary

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



142, 186, 185



185, 142, 186

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.



223, 156, 183



142, 186, 185



170, 171, 224

Square

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



142, 186, 185



100, 149, 216



202, 162, 208



220, 176, 134

Rectangle

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



142, 186, 185



98, 145, 190



202, 162, 208



228, 156, 165

Sweetspot

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



142, 186, 185



225, 242, 241



143, 186, 142



113, 122, 122



250, 250, 250



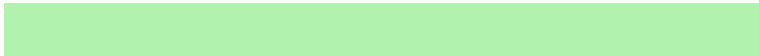
122, 122, 122

Same Dimension

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



142, 186, 185



174, 242, 240



142, 172, 186



83, 92, 92



0, 156, 152



0, 28, 27

Inverse Universe

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



185, 142, 186



241, 174, 242



186, 142, 165



92, 83, 92



152, 0, 156



27, 0, 28

Previews

White Background



This preview shows how the RYB color 142, 186, 185 looks on a white background.

Color Contrast Check

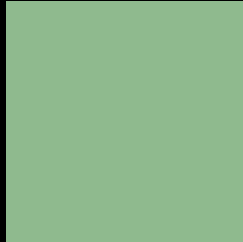
Large Text (above 18pt) WCAG AA × Fail

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, 186, 185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

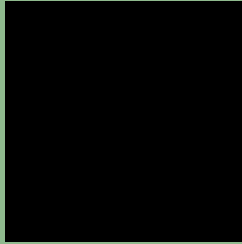
Any Text WCAG AA ✓ Pass

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, 186, 185 Background



This preview shows how black text looks on a background with the RYB color 142, 186, 185.

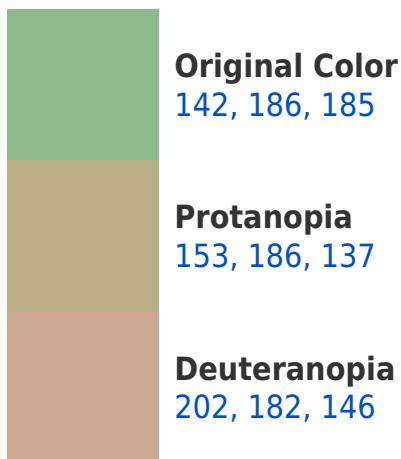


This preview shows how white text looks on a background with the RYB color 142, 186, 185.

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
152, 168, 193

Trichromacy



Original Color
142, 186, 185

Protanomaly
139, 178, 147

Deuteranomaly
152, 181, 145

Tritanomaly
149, 168, 182

Monochromacy



Original Color
142, 186, 185

Achromatopsia
168, 168, 168

Achromatomaly
159, 175, 175

CSS Examples

Text

The CSS property to change the color of the text to RYB 142, 186, 185 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(143, 186, 142) looks like.

```
.text, #text, p{  
    color:rgb(143, 186, 142)  
}
```

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(143, 186, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 186, 142) }
```

Border

The CSS property to change the border of an element to RYB 142, 186, 185 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(143, 186, 142) }
```

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

```
.border{ border-color:rgb(143, 186, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 186, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 186, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 186, 142); box-shadow:4px 4px 4px 4px rgb(143, 186, 142) }
```

Background

The CSS property to change the background color of an element to RYB 142, 186, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 186, 142) }
```

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

```
.background{ background-color: rgb(143,  
186, 142) }
```

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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