

# Converting Colors

`RYB(132, 185, 185)`

Have a look what the booklet for  
RYB(132, 185, 185) contains.

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# Color

**R<sub>Y</sub>B(132, 185, 185)**

# Conversions

## Conversions Part 1

Format	Color
Hex	84B984
RGB	132, 185, 132
RGB Percent	52%, 73%, 52%
CMY	0.4824, 0.2745, 0.4824
CMYK	0.29, 0.00, 0.29, 0.27
HSL	120°, 27%, 62%
HSV	120°, 29%, 73%
XYZ	31.0295, 41.2694, 28.1602
YIQ	163.1110, -14.5750, -27.7190

# Conversions

## Conversions Part 2

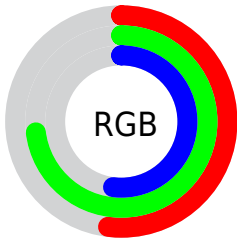
<b>Format</b>	<b>Color</b>
<b>RYB</b>	132, 185, 185
Decimal	8698244
CIELab	70.36, -27.98, 21.48
CIELCh	70, 35.271, 142.485
Yxy	41.2694, 0.3089, 0.4108
Android (android.graphics.Color)	4286888324 (0xFF84B984)
YUV	163.1110, -15.3377, -27.2843
Hunter-Lab	64.2413, -26.2039, 18.9791

# Details

The RYB color **132, 185, 185** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **185, 132, 185**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **185, 241, 240**, and **80, 130, 132** is the 20% darker color. If you saturate the color by 10%, you get **114, 185, 185**, and if you desaturate by 10%, it is **151, 185, 185**.

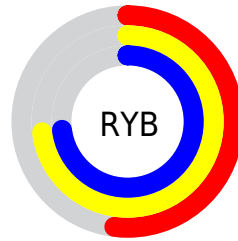
# Distribution



Red (52%)

Green (73%)

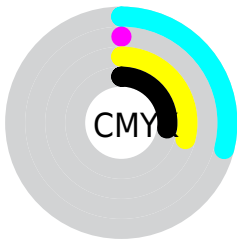
Blue (52%)



Red (52%)

Yellow (73%)

Blue (73%)

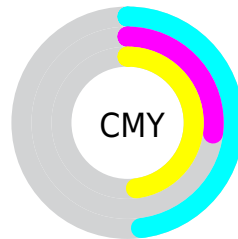


Cyan (29%)

Magenta (0%)

Yellow (29%)

Black (27%)



Cyan (48%)

Magenta (27%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 132, 185, 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 132, 185, 185 by changing the saturation by 10% instead.




 132, 185, 185


255, 255, 255


 185, 241, 240


 213, 255, 254


 242, 255, 254

 132, 185, 185

 106, 157, 158

 80, 130, 132

 56, 103, 106

 31, 77, 82


 2, 47, 58


 0, 37, 37


 0, 2, 2


 0, 0, 0

 132, 185, 185


 132, 185, 185


 114, 185, 185


 151, 185, 185

 95, 185, 185


 169, 185, 185


 77, 185, 185


 188, 185, 188

 58, 185, 185


 206, 185, 206

 40, 185, 185


 225, 185, 225

 21, 185, 185

 243, 185, 243

 3, 185, 185

 255, 185, 255

 0, 185, 185

# Harmonies

## Analogous

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



112, 178, 121



132, 185, 185



92, 148, 189

# Triad

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



132, 185, 185



114, 156, 235



235, 149, 149

# Complementary

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



132, 185, 185



185, 132, 185

# 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.



229, 148, 181



132, 185, 185



165, 167, 231

# Square

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



132, 185, 185



65, 133, 222



205, 155, 211



225, 173, 122

# Rectangle

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



132, 185, 185



67, 129, 189



205, 155, 211



235, 148, 160



# Sweetspot

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



132, 185, 185



218, 240, 240



132, 185, 132



107, 120, 120



247, 247, 247



120, 120, 120



# Same Dimension

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



132, 185, 185



158, 240, 240



132, 167, 185



83, 92, 92



0, 156, 156



0, 28, 28



# Inverse Universe

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



185, 132, 185



240, 158, 240



185, 132, 159



92, 83, 92



156, 0, 156



28, 0, 28



# Previews

## White Background



This preview shows how the RYB color 132, 185, 185 looks on a white background.

## Color Contrast Check

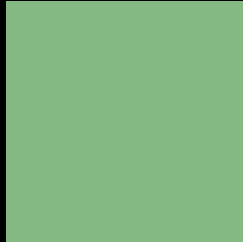
Large Text (above 18pt) WCAG AA × Fail

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 132, 185, 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 132, 185, 185 Background



This preview shows how black text looks on a background with the RYB color 132, 185, 185.

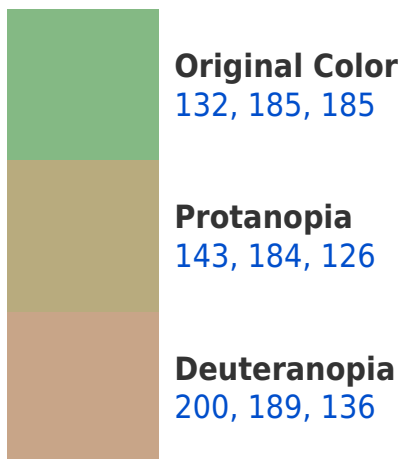


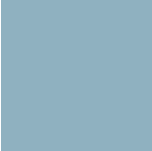
This preview shows how white text looks on a background with the RYB color 132, 185, 185.

# 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**  
143, 163, 192

# Trichromacy



**Original Color**

132, 185, 185

**Protanomaly**

128, 176, 139

**Deuteranomaly**

138, 175, 135

**Tritanomaly**

139, 162, 180

# Monochromacy



**Original Color**

132, 185, 185

**Achromatopsia**

163, 163, 163

**Achromatomaly**

152, 171, 171

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 132, 185, 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(132, 185, 132)` looks like.

```
.text, #text, p{  
    color:rgb(132, 185, 132)  
}
```

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(132, 185, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 185, 132) }
```

## Border

The CSS property to change the border of an element to RYB 132, 185, 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(132, 185, 132) }
```

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

```
.border{ border-color:rgb(132, 185, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 185, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 185, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 185, 132);  
box-shadow:4px 4px 4px 4px rgb(132, 185,  
132) }
```

# Background

The CSS property to change the background color of an element to RYB 132, 185, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 185, 132) }
```

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

```
.background{ background-color: rgb(132,  
185, 132) }
```

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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