

Converting Colors

`RYB(129, 186, 148)`

Have a look what the booklet for
RYB(129, 186, 148) contains.

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Color

R_YB(129, 186, 148)

Conversions

Conversions Part 1

Format	Color
Hex	A7BA81
RGB	167, 186, 129
RGB Percent	65%, 73%, 51%
CMY	0.3451, 0.2706, 0.4941
CMYK	0.10, 0.00, 0.31, 0.27
HSL	80°, 29%, 62%
HSV	80°, 31%, 73%
XYZ	37.4577, 44.9183, 27.4647
YIQ	173.8210, 6.9730, -21.7550

Conversions

Conversions Part 2

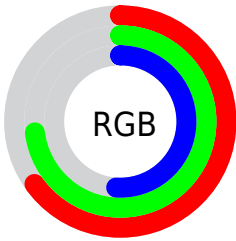
Format	Color
RYB	129, 186, 148
Decimal	10992257
CIELab	72.84, -16.34, 26.80
CIELCh	73, 31.390, 121.370
Yxy	44.9183, 0.3410, 0.4089
Android (android.graphics.Color)	4289182337 (0xFFA7BA81)
YUV	173.8210, -22.0968, -5.9820
Hunter-Lab	67.0211, -17.5243, 22.6182

Details

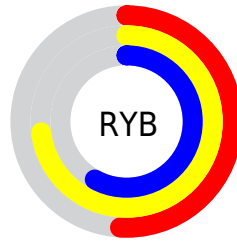
The RYB color **129, 186, 148** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **148, 129, 186**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **182, 242, 201**, and **79, 133, 98** is the 20% darker color. If you saturate the color by 10%, you get **110, 186, 135**, and if you desaturate by 10%, it is **148, 186, 161**.

Distribution



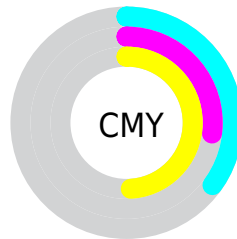
- Red (65%)
- Green (73%)
- Blue (51%)



- Red (51%)
- Yellow (73%)
- Blue (58%)



- Cyan (10%)
- Magenta (0%)
- Yellow (31%)
- Black (27%)



- Cyan (35%)
- Magenta (27%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the RYB color 129, 186, 148 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 129, 186, 148 by changing the saturation by 10% instead.

 129, 186, 148

 129, 186, 148

255, 255, 255

 104, 159, 123

 182, 242, 201

 79, 133, 98

 210, 255, 214


 55, 108, 74

 238, 255, 238

 33, 83, 51

 10, 60, 28


 0, 38, 17


 0, 18, 18


 0, 0, 0


 129, 186, 148


 129, 186, 148

 110, 186, 135

 148, 186, 161


 92, 186, 123

 166, 186, 173


 73, 186, 111

 185, 186, 185


 55, 186, 99


 192, 186, 203


 36, 186, 86


 198, 186, 222


 17, 186, 73

 204, 186, 241

 0, 186, 62

 210, 186, 255

 217, 186, 255

 223, 186, 255

Harmonies

Analogous

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



150, 198, 121



129, 186, 148



134, 179, 192

Triad

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



129, 186, 148



103, 154, 228



234, 157, 178

Complementary

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



129, 186, 148



148, 129, 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.



217, 162, 207



129, 186, 148



143, 170, 236

Square

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



129, 186, 148



85, 143, 208



185, 171, 228



235, 161, 150

Rectangle

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



129, 186, 148



112, 160, 194



185, 171, 228



230, 158, 188

Sweetspot

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



129, 186, 148



220, 242, 227



186, 158, 129



109, 122, 113



250, 250, 250



122, 122, 122

Same Dimension

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



129, 186, 148



153, 242, 183



129, 186, 176



83, 92, 86



0, 156, 52



0, 28, 9

Inverse Universe

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



148, 129, 186



182, 153, 242



177, 129, 186



86, 83, 92



52, 0, 156



9, 0, 28

Previews

White Background



This preview shows how the RYB color 129, 186, 148 looks on a white background.

Color Contrast Check

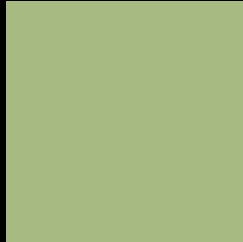
Large Text (above 18pt) WCAG AA × Fail

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 129, 186, 148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

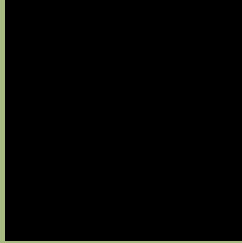
Any Text WCAG AA ✓ Pass

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 129, 186, 148 Background



This preview shows how black text looks on a background with the RYB color 129, 186, 148.

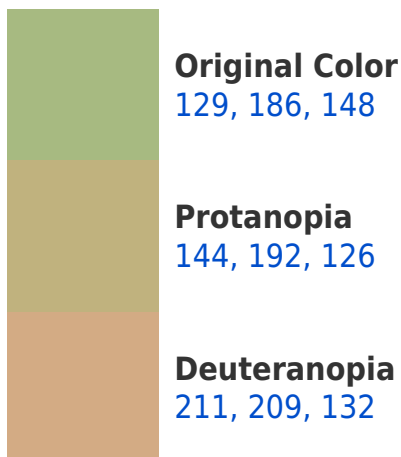



This preview shows how white text looks on a background with the RYB color 129, 186, 148.

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
176, 178, 192

Trichromacy



Original Color

129, 186, 148

Protanomaly

129, 183, 127

Deuteranomaly

158, 195, 131

Tritanomaly

169, 181, 177

Monochromacy



Original Color

129, 186, 148

Achromatopsia

174, 174, 174

Achromatomaly

158, 178, 165

CSS Examples

Text

The CSS property to change the color of the text to RGB 129, 186, 148 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(129, 186, 148) looks like.

```
.text, #text, p{  
    color:rgb(129, 186, 148)  
}
```

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(167, 186, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 186, 129) }
```

Border

The CSS property to change the border of an element to RYB 129, 186, 148 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(167, 186, 129) }
```

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

```
.border{ border-color:rgb(167, 186, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 186, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 186, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 186, 129);  
box-shadow:4px 4px 4px 4px rgb(167, 186,  
129) }
```

Background

The CSS property to change the background color of an element to RYB 129, 186, 148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 186, 129) }
```

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

```
.background{ background-color: rgb(167,  
186, 129) }
```

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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