

Converting Colors

`RYB(142, 189, 147)`

Have a look what the booklet for RYB(142, 189, 147) contains.

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Color

`RYB(142, 189, 147)`

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | B8BD8E |
| RGB | 184, 189, 142 |
| RGB Percent | 72%, 74%, 56% |
| CMY | 0.2784, 0.2588, 0.4431 |
| CMYK | 0.03, 0.00, 0.25, 0.26 |
| HSL | 66°, 26%, 65% |
| HSV | 66°, 25%, 74% |
| XYZ | 42.8472, 48.5385, 32.7018 |
| YIQ | 182.1470, 12.1070, -15.6770 |

Conversions

Conversions Part 2

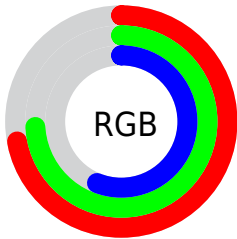
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 142, 189, 147 |
| Decimal | 12107150 |
| CIELab | 75.16, -9.56, 23.24 |
| CIELCh | 75, 25.132, 112.367 |
| Yxy | 48.5385, 0.3453, 0.3912 |
| Android (android.graphics.Color) | 4290297230 (0xFFB8BD8E) |
| YUV | 182.1470, -19.7925, 1.6251 |
| Hunter-Lab | 69.6696, -12.1432, 20.9390 |

Details

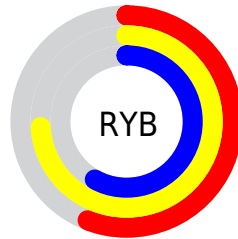
The RYB color **142, 189, 147** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **147, 142, 189**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **196, 245, 201**, and **91, 136, 97** is the 20% darker color. If you saturate the color by 10%, you get **123, 189, 130**, and if you desaturate by 10%, it is **161, 189, 164**.

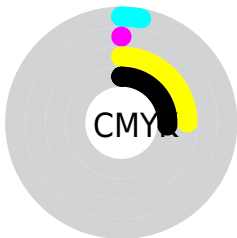
Distribution



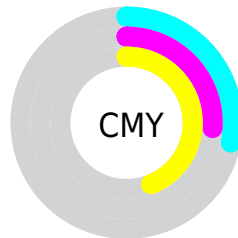
- Red (72%)
- Green (74%)
- Blue (56%)



- Red (56%)
- Yellow (74%)
- Blue (58%)



- Cyan (3%)
- Magenta (0%)
- Yellow (25%)
- Black (26%)



- Cyan (28%)
- Magenta (26%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 142, 189, 147 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, 189, 147 by changing the saturation by 10% instead.


 142, 189, 147


255, 255, 255


 196, 245, 201


 224, 255, 224

253, 255, 253

 142, 189, 147

 116, 162, 121

 91, 136, 97

 68, 110, 73


 45, 86, 51

 23, 63, 29

 0, 41, 6


 0, 21, 17

 0, 0, 0


 142, 189, 147

 142, 189, 147


 123, 189, 130

 161, 189, 164

 104, 189, 113


 180, 189, 181

 85, 189, 96

 190, 189, 199

 66, 189, 79


 192, 189, 218

 47, 189, 62


 194, 189, 236


 29, 189, 46

 196, 189, 255

 10, 189, 29

 198, 189, 255

 0, 189, 20

 200, 189, 255

 202, 189, 255

Harmonies

Analogous

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



182, 208, 140



142, 189, 147



156, 195, 194

Triad

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



142, 189, 147



125, 165, 221



227, 169, 192

Complementary

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



142, 189, 147



147, 142, 189

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.



209, 174, 214



142, 189, 147



149, 176, 230

Square

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



142, 189, 147



119, 159, 202



181, 181, 228



233, 169, 169

Rectangle

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



142, 189, 147



141, 178, 197



181, 181, 228



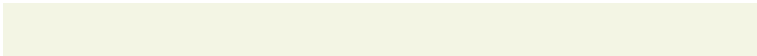
223, 170, 200

Sweetspot

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



142, 189, 147



228, 245, 230



189, 148, 142



113, 122, 114



250, 250, 250



122, 122, 122

Same Dimension

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



142, 189, 147



171, 245, 179



142, 189, 170



85, 94, 86



0, 158, 17



0, 31, 4

Inverse Universe

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



147, 142, 189



179, 171, 245



170, 142, 189



86, 85, 94



17, 0, 158



3, 0, 31

Previews

White Background



This preview shows how the RYB color 142, 189, 147 looks on a white background.

Color Contrast Check

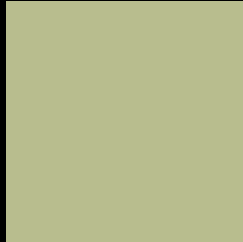
Large Text (above 18pt) WCAG AA × Fail

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, 189, 147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

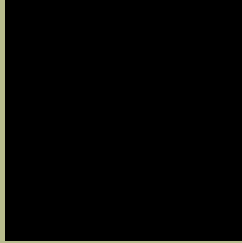
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

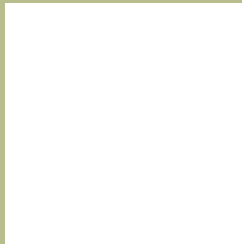
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 142, 189, 147 Background



This preview shows how black text looks on a background with the RYB color 142, 189, 147.

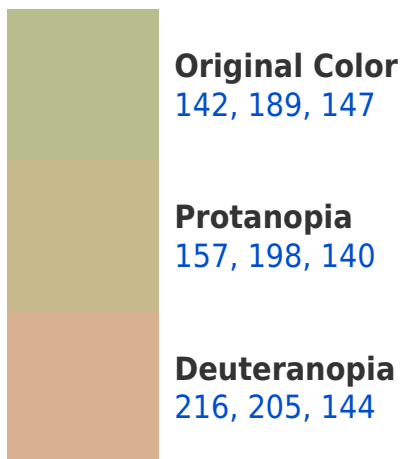



This preview shows how white text looks on a background with the RYB color 142, 189, 147.

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](#).

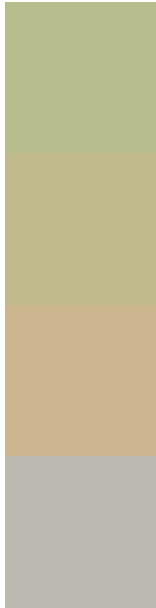
Dichromacy





Tritanopia
191, 182, 196

Trichromacy



Original Color
142, 189, 147

Protanomaly
149, 193, 141

Deuteranomaly
180, 204, 143

Tritanomaly
180, 188, 176

Monochromacy



Original Color
142, 189, 147

Achromatopsia
182, 182, 182

Achromatomaly
167, 185, 169

CSS Examples

Text

The CSS property to change the color of the text to RYB 142, 189, 147 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(184, 189, 142) looks like.

```
.text, #text, p{  
    color:rgb(184, 189, 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(184, 189, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 189, 142) }
```

Border

The CSS property to change the border of an element to RYB 142, 189, 147 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(184, 189, 142) }
```

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

```
.border{ border-color:rgb(184, 189, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 189, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 189, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 189, 142);  
box-shadow:4px 4px 4px 4px rgb(184, 189,  
142) }
```

Background

The CSS property to change the background color of an element to RYB 142, 189, 147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 189, 142) }
```

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

```
.background{ background-color: rgb(184,  
189, 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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