

Converting Colors

`RYB(142, 187, 143)`

Have a look what the booklet for
RYB(142, 187, 143) contains.

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Color

R_YB(142, 187, 143)

Conversions

Conversions Part 1

Format	Color
Hex	BABB8E
RGB	186, 187, 142
RGB Percent	73%, 73%, 56%
CMY	0.2706, 0.2667, 0.4431
CMYK	0.01, 0.00, 0.24, 0.27
HSL	61°, 25%, 65%
HSV	61°, 24%, 73%
XYZ	42.9025, 47.9327, 32.5819
YIQ	181.5710, 13.8490, -14.2070

Conversions

Conversions Part 2

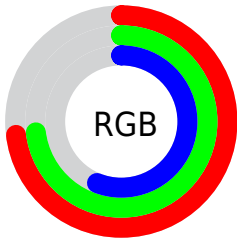
Format	Color
RYB	142, 187, 143
Decimal	12237710
CIELab	74.78, -7.76, 22.75
CIELCh	75, 24.035, 108.830
Yxy	47.9327, 0.3476, 0.3884
Android (android.graphics.Color)	4290427790 (0xFFBABB8E)
YUV	181.5710, -19.5085, 3.8842
Hunter-Lab	69.2335, -10.5459, 20.5610

Details

The RYB color **142, 187, 143** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **143, 142, 187**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **196, 243, 197**, and **91, 134, 93** is the 20% darker color. If you saturate the color by 10%, you get **123, 187, 124**, and if you desaturate by 10%, it is **161, 187, 162**.

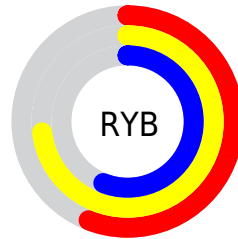
Distribution



Red (73%)

Green (73%)

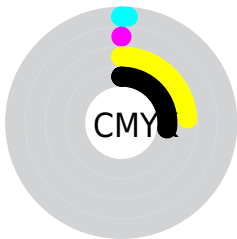
Blue (56%)



Red (56%)

Yellow (73%)

Blue (56%)

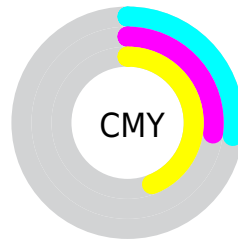


Cyan (1%)

Magenta (0%)

Yellow (24%)

Black (27%)



Cyan (27%)

Magenta (27%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 142, 187, 143 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, 187, 143 by changing the saturation by 10% instead.

 142, 187, 143

255, 255, 255


 196, 243, 197

 224, 255, 224

253, 255, 253

 142, 187, 143


 116, 160, 117

 91, 134, 93

 68, 109, 70

 45, 84, 47

 23, 61, 26

 0, 40, 3


 0, 20, 13


 0, 0, 0

 142, 187, 143

 142, 187, 143

 123, 187, 124


 161, 187, 162

 105, 187, 107

 179, 187, 179

 86, 187, 88


 187, 187, 198

 67, 187, 70


 188, 187, 217

 49, 187, 52


 188, 187, 236


 30, 187, 33

 188, 187, 254

 11, 187, 15

 189, 187, 255

 0, 187, 4

 190, 187, 255

Harmonies

Analogous

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



189, 208, 141



142, 187, 143



154, 193, 186

Triad

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



142, 187, 143



125, 164, 217



223, 169, 193

Complementary

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



142, 187, 143



143, 142, 187

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.



204, 174, 213



142, 187, 143



147, 175, 227

Square

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



142, 187, 143



122, 160, 197



177, 181, 226



230, 169, 171

Rectangle

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



142, 187, 143



144, 179, 195



177, 181, 226



218, 170, 200

Sweetspot

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



142, 187, 143



225, 242, 225



187, 143, 142



113, 122, 113



250, 250, 250



122, 122, 122

Same Dimension

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



142, 187, 143



172, 242, 173



142, 187, 165



85, 94, 85



0, 158, 3



0, 31, 1

Inverse Universe

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



143, 142, 187



174, 172, 242



165, 142, 187



85, 85, 94



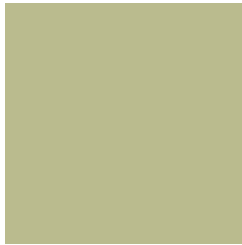
4, 0, 158



1, 0, 31

Previews

White Background



This preview shows how the RYB color 142, 187, 143 looks on a white background.

Color Contrast Check

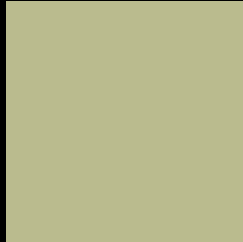
Large Text (above 18pt) WCAG AA × Fail

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, 187, 143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

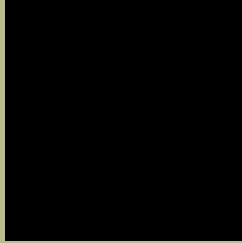
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

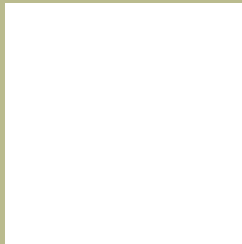
Any Text WCAG AAA ✓ Pass

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

RYB 142, 187, 143 Background



This preview shows how black text looks on a background with the RYB color 142, 187, 143.



This preview shows how white text looks on a background with the RYB color 142, 187, 143.

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



Original Color
142, 187, 143

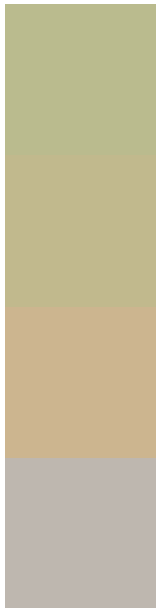
Protanopia
157, 197, 140

Deuteranopia
215, 206, 144



Tritanopia
193, 180, 194

Trichromacy



Original Color

142, 187, 143

Protanomaly

150, 193, 141

Deuteranomaly

180, 204, 143

Tritanomaly

188, 190, 175

Monochromacy



Original Color

142, 187, 143

Achromatopsia

182, 182, 182

Achromatomaly

167, 184, 168

CSS Examples

Text

The CSS property to change the color of the text to RYB 142, 187, 143 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(186, 187, 142)` looks like.

```
.text, #text, p{  
    color:rgb(186, 187, 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(186, 187, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 187, 142) }
```

Border

The CSS property to change the border of an element to RYB 142, 187, 143 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(186, 187, 142) }
```

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

```
.border{ border-color:rgb(186, 187, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 187, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 187, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 187, 142);  
box-shadow:4px 4px 4px 4px rgb(186, 187,  
142) }
```

Background

The CSS property to change the background color of an element to RYB 142, 187, 143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 187, 142) }
```

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

```
.background{ background-color: rgb(186,  
187, 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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