

Converting Colors

`RYB(145, 202, 166)`

Have a look what the booklet for
RYB(145, 202, 166) contains.

RYB(145, 202, 166)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

`RYB(145, 202, 166)`

Conversions

Conversions Part 1

Format	Color
Hex	B5CA91
RGB	181, 202, 145
RGB Percent	71%, 79%, 57%
CMY	0.2902, 0.2078, 0.4314
CMYK	0.10, 0.00, 0.28, 0.21
HSL	82°, 35%, 68%
HSV	82°, 28%, 79%
XYZ	45.2874, 54.1092, 34.8453
YIQ	189.2230, 5.7810, -22.1790

Conversions

Conversions Part 2

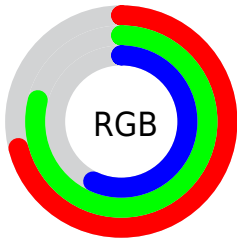
Format	Color
RYB	145, 202, 166
Decimal	11913873
CIELab	78.53, -16.91, 26.17
CIELCh	79, 31.161, 122.867
Yxy	54.1092, 0.3374, 0.4031
Android (android.graphics.Color)	4290103953 (0xFFB5CA91)
YUV	189.2230, -21.8019, -7.2116
Hunter-Lab	73.5589, -18.8325, 23.4052

Details

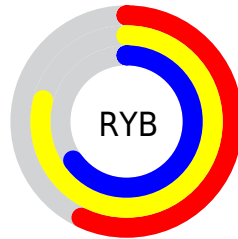
The RYB color **145, 202, 166** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **166, 145, 202**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **199, 255, 217**, and **94, 148, 114** is the 20% darker color. If you saturate the color by 10%, you get **125, 202, 153**, and if you desaturate by 10%, it is **165, 202, 179**.

Distribution



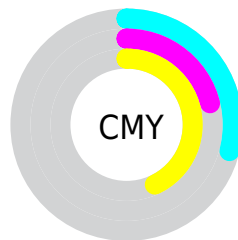
- Red (71%)
- Green (79%)
- Blue (57%)



- Red (57%)
- Yellow (79%)
- Blue (65%)



- Cyan (10%)
- Magenta (0%)
- Yellow (28%)
- Black (21%)



- Cyan (29%)
- Magenta (21%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RYB color 145, 202, 166 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 145, 202, 166 by changing the saturation by 10% instead.


 145, 202, 166

 145, 202, 166

255, 255, 255

 119, 175, 140


 199, 255, 217

 94, 148, 114

 227, 255, 227

 70, 122, 90

 47, 97, 67

 24, 73, 43

 0, 51, 20

 0, 30, 26

 0, 0, 0

 145, 202, 166

 145, 202, 166

 125, 202, 153

 165, 202, 179

 105, 202, 141

 185, 202, 191

 84, 202, 127

 203, 202, 206

 64, 202, 115

 211, 202, 226

 44, 202, 102

 218, 202, 246

 24, 202, 90

 226, 202, 255

 4, 202, 77

 233, 202, 255

 0, 202, 74

 241, 202, 255

 248, 202, 255

Harmonies

Analogous

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



161, 212, 136



145, 202, 166



147, 193, 208

Triad

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



145, 202, 166



122, 171, 245



251, 173, 193

Complementary

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



145, 202, 166



166, 145, 202

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.



234, 177, 221



145, 202, 166



161, 186, 252

Square

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



145, 202, 166



104, 160, 225



202, 186, 243



251, 178, 164

Rectangle

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



145, 202, 166



126, 175, 210



202, 186, 243



247, 174, 202

Sweetspot

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



145, 202, 166



235, 255, 243



202, 178, 145



115, 128, 120



0, 0, 0



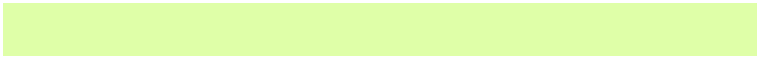
128, 128, 128

Same Dimension

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



145, 202, 166



168, 255, 200



145, 202, 194



92, 102, 96



0, 166, 61



0, 38, 14

Inverse Universe

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



166, 145, 202



200, 168, 255



194, 145, 202



96, 92, 102



61, 0, 166



14, 0, 38

Previews

White Background



This preview shows how the RYB color 145, 202, 166 looks on a white background.

Color Contrast Check

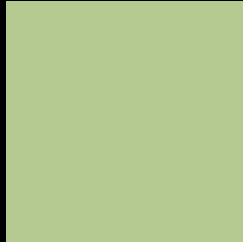
Large Text (above 18pt) WCAG AA × Fail

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 145, 202, 166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

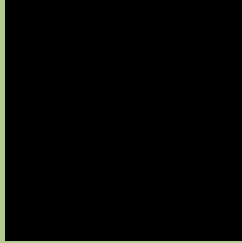
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

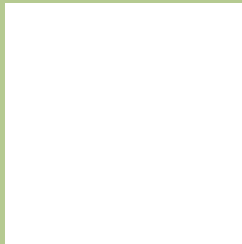
Any Text WCAG AAA ✓ Pass

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

RYB 145, 202, 166 Background



This preview shows how black text looks on a background with the RYB color 145, 202, 166.



This preview shows how white text looks on a background with the RYB color 145, 202, 166.

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](#).

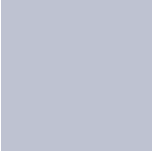
Dichromacy



Original Color
145, 202, 166

Protanopia
159, 208, 141

Deuteranopia
228, 220, 148



Tritanopia
190, 193, 209

Trichromacy



Original Color
145, 202, 166

Protanomaly
143, 198, 142

Deuteranomaly
174, 211, 147

Tritanomaly
186, 197, 196

Monochromacy



Original Color
145, 202, 166

Achromatopsia
189, 189, 189

Achromatomaly
173, 194, 181

CSS Examples

Text

The CSS property to change the color of the text to RYB 145, 202, 166 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(181, 202, 145)` looks like.

```
.text, #text, p{  
    color:rgb(181, 202, 145)  
}
```

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(181, 202, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 202, 145) }
```

Border

The CSS property to change the border of an element to RYB 145, 202, 166 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(181, 202, 145) }
```

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

```
.border{ border-color:rgb(181, 202, 145) }
```

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

Here you see how a box with a 4 pixel rgb(181, 202, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 202, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 202, 145);  
box-shadow:4px 4px 4px 4px rgb(181, 202,  
145) }
```

Background

The CSS property to change the background color of an element to RYB 145, 202, 166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 202, 145) }
```

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

```
.background{ background-color: rgb(181,  
202, 145) }
```

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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