

Converting Colors

`RYB(148, 213, 186)`

Have a look what the booklet for
RYB(148, 213, 186) contains.

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Color

R_YB(148, 213, 186)

Conversions

Conversions Part 1

Format	Color
Hex	AFD594
RGB	175, 213, 148
RGB Percent	69%, 84%, 58%
CMY	0.3137, 0.1647, 0.4196
CMYK	0.18, 0.00, 0.31, 0.16
HSL	95°, 44%, 71%
HSV	95°, 31%, 84%
XYZ	46.8187, 58.8406, 36.9067
YIQ	194.2280, -1.7830, -28.2710

Conversions

Conversions Part 2

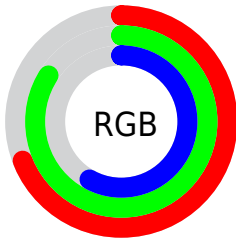
Format	Color
RYB	148, 213, 186
Decimal	11523476
CIELab	81.20, -24.10, 28.15
CIELCh	81, 37.056, 130.577
Yxy	58.8406, 0.3284, 0.4127
Android (android.graphics.Color)	4289713556 (0xFFAFD594)
YUV	194.2280, -22.7904, -16.8630
Hunter-Lab	76.7076, -25.2903, 25.1688

Details

The RYB color **148, 213, 186** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **186, 148, 213**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **202, 255, 226**, and **97, 158, 133** is the 20% darker color. If you saturate the color by 10%, you get **127, 213, 177**, and if you desaturate by 10%, it is **169, 213, 195**.

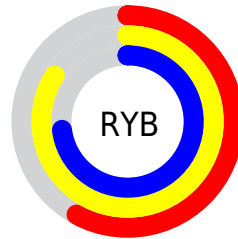
Distribution



Red (69%)

Green (84%)

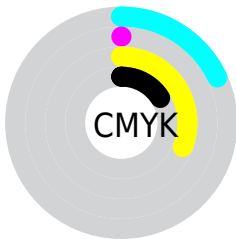
Blue (58%)



Red (58%)

Yellow (84%)

Blue (73%)

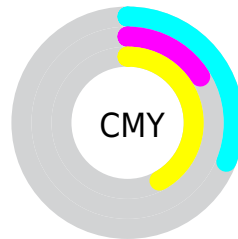


Cyan (18%)

Magenta (0%)

Yellow (31%)

Black (16%)



Cyan (31%)

Magenta (16%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 148, 213, 186 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 148, 213, 186 by changing the saturation by 10% instead.


 148, 213, 186


255, 255, 255


 202, 255, 226


 231, 255, 231

 148, 213, 186

 122, 185, 159

 97, 158, 133

 72, 132, 108

 49, 107, 85

 26, 82, 61

 2, 59, 38

 0, 37, 37

 0, 8, 8

 0, 0, 0


 148, 213, 186

 148, 213, 186

 127, 213, 177

 169, 213, 195

 105, 213, 168

 191, 213, 204

 84, 213, 159

 212, 213, 213

 63, 213, 151

 225, 213, 233

 42, 213, 142

 237, 213, 255

 20, 213, 133

 250, 213, 255

 0, 213, 125

 255, 213, 255

Harmonies

Analogous

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



143, 213, 133



148, 213, 186



134, 190, 219

Triad

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



148, 213, 186



120, 175, 255



255, 175, 191

Complementary

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



148, 213, 186



186, 148, 213

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.



255, 178, 226



148, 213, 186



174, 194, 255

Square

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



148, 213, 186



84, 157, 246



222, 188, 255



255, 188, 158

Rectangle

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



148, 213, 186



107, 169, 221



222, 188, 255



255, 176, 202

Sweetspot

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



148, 213, 186



232, 255, 245



194, 213, 148



113, 128, 122



0, 0, 0



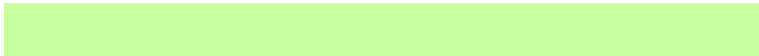
128, 128, 128

Same Dimension

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



148, 213, 186



161, 255, 216



148, 208, 213



96, 107, 102



0, 171, 100



0, 43, 25

Inverse Universe

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



186, 148, 213



216, 161, 255



213, 148, 208



103, 96, 107



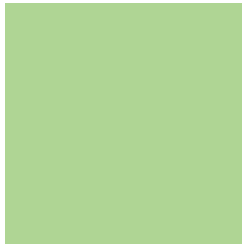
100, 0, 171



25, 0, 43

Previews

White Background



This preview shows how the RYB color 148, 213, 186 looks on a white background.

Color Contrast Check

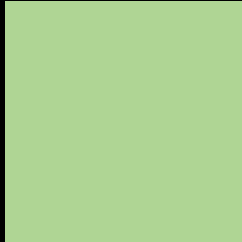
Large Text (above 18pt) WCAG AA × Fail

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 148, 213, 186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

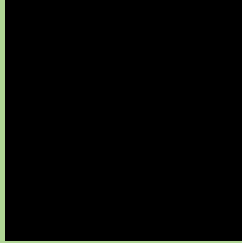
Any Text WCAG AA ✓ Pass

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 148, 213, 186 Background



This preview shows how black text looks on a background with the RYB color 148, 213, 186.

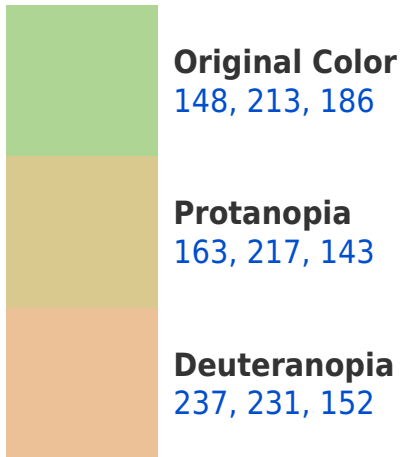


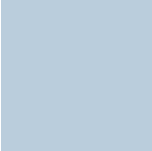
This preview shows how white text looks on a background with the RYB color 148, 213, 186.

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](#).

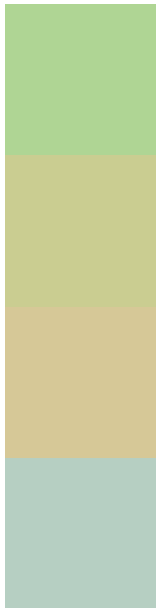
Dichromacy





Tritanopia
186, 198, 220

Trichromacy



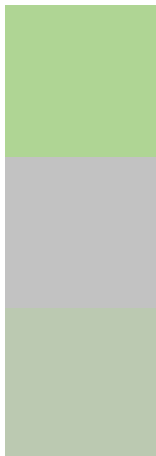
Original Color
148, 213, 186

Protanomaly
145, 205, 148

Deuteranomaly
169, 214, 151

Tritanomaly
182, 199, 207

Monochromacy



Original Color
148, 213, 186

Achromatopsia
194, 194, 194

Achromatomaly
177, 201, 191

CSS Examples

Text

The CSS property to change the color of the text to RYB 148, 213, 186 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(175, 213, 148)` looks like.

```
.text, #text, p{  
    color:rgb(175, 213, 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(175, 213, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 213, 148) }
```

Border

The CSS property to change the border of an element to RYB 148, 213, 186 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(175, 213, 148) }
```

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

```
.border{ border-color:rgb(175, 213, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 213, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 213, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 213, 148);  
box-shadow:4px 4px 4px 4px rgb(175, 213,  
148) }
```

Background

The CSS property to change the background color of an element to RYB 148, 213, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 213, 148) }
```

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

```
.background{ background-color: rgb(175,  
213, 148) }
```

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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