

Converting Colors

`RYB(138, 195, 165)`

Have a look what the booklet for
RYB(138, 195, 165) contains.

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Color

R_YB(138, 195, 165)

Conversions

Conversions Part 1

Format	Color
Hex	A8C38A
RGB	168, 195, 138
RGB Percent	66%, 76%, 54%
CMY	0.3412, 0.2353, 0.4588
CMYK	0.14, 0.00, 0.29, 0.24
HSL	88°, 32%, 65%
HSV	88°, 29%, 76%
XYZ	40.2510, 49.1900, 31.4179
YIQ	180.4290, 2.2050, -23.4510

Conversions

Conversions Part 2

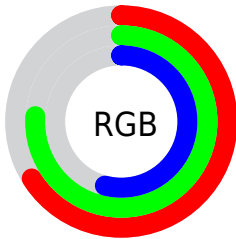
Format	Color
RYB	138, 195, 165
Decimal	11060106
CIELab	75.57, -19.22, 25.72
CIELCh	76, 32.106, 126.771
Yxy	49.1900, 0.3330, 0.4070
Android (android.graphics.Color)	4289250186 (0xFFA8C38A)
YUV	180.4290, -20.9175, -10.9002
Hunter-Lab	70.1356, -20.2957, 22.5354

Details

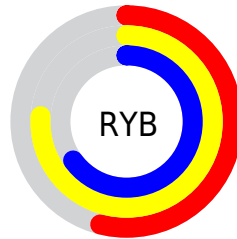
The RYB color **138, 195, 165** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **165, 138, 195**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **192, 252, 220**, and **87, 141, 113** is the 20% darker color. If you saturate the color by 10%, you get **118, 195, 154**, and if you desaturate by 10%, it is **158, 195, 176**.

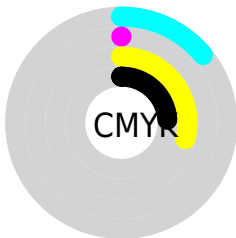
Distribution



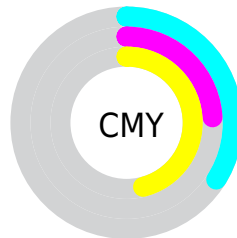
- Red (66%)
- Green (76%)
- Blue (54%)



- Red (54%)
- Yellow (76%)
- Blue (65%)



- Cyan (14%)
- Magenta (0%)
- Yellow (29%)
- Black (24%)



- Cyan (34%)
- Magenta (24%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 138, 195, 165 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 138, 195, 165 by changing the saturation by 10% instead.


 138, 195, 165


255, 255, 255


 192, 252, 220

 220, 255, 222


 248, 255, 248

 138, 195, 165

 112, 168, 139

 87, 141, 113

 64, 116, 90

 41, 91, 66

 19, 67, 44

 0, 45, 23

 0, 26, 26


 0, 0, 0

 138, 195, 165


 138, 195, 165

 118, 195, 154


 158, 195, 176

 99, 195, 144


 177, 195, 186

 79, 195, 134


 196, 195, 196

 60, 195, 124


 205, 195, 216

 41, 195, 114


 214, 195, 235

 21, 195, 103


 223, 195, 255

 2, 195, 94

 233, 195, 255

 0, 195, 92

 242, 195, 255

 251, 195, 255

Harmonies

Analogous

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



144, 200, 127



138, 195, 165



133, 181, 201

Triad

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



138, 195, 165



115, 164, 240



244, 164, 180

Complementary

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



138, 195, 165



165, 138, 195

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.



230, 167, 210



138, 195, 165



157, 179, 245

Square

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



138, 195, 165



91, 151, 221



199, 176, 234



243, 171, 152

Rectangle

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



138, 195, 165



112, 163, 202



199, 176, 234



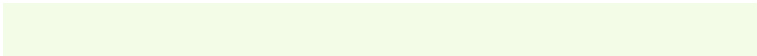
241, 164, 191

Sweetspot

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



138, 195, 165



230, 252, 240



195, 189, 138



113, 128, 120



0, 0, 0



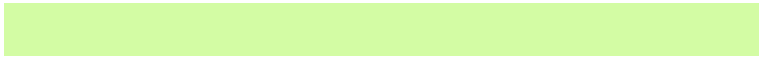
128, 128, 128

Same Dimension

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



138, 195, 165



164, 252, 205



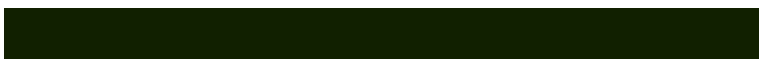
138, 195, 193



87, 97, 92



0, 161, 76



0, 33, 16

Inverse Universe

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



165, 138, 195



206, 164, 252



193, 138, 195



92, 87, 97



76, 0, 161



16, 0, 33

Previews

White Background



This preview shows how the RYB color 138, 195, 165 looks on a white background.

Color Contrast Check

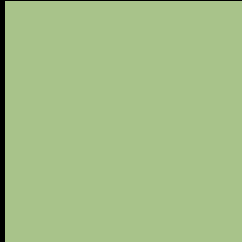
Large Text (above 18pt) WCAG AA × Fail

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 138, 195, 165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

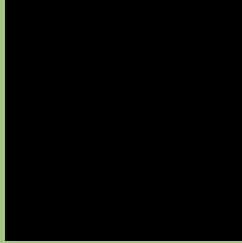
Any Text WCAG AA ✓ Pass

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 138, 195, 165 Background



This preview shows how black text looks on a background with the RYB color 138, 195, 165.

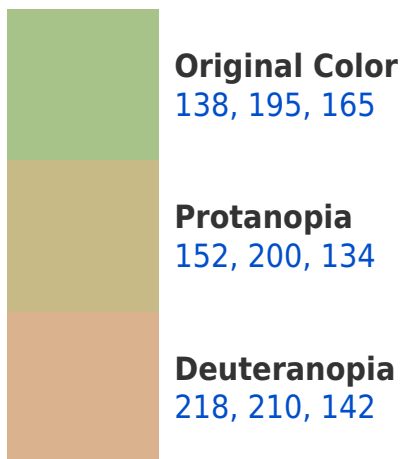


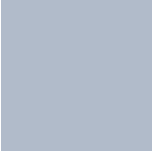
This preview shows how white text looks on a background with the RYB color 138, 195, 165.

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](#).

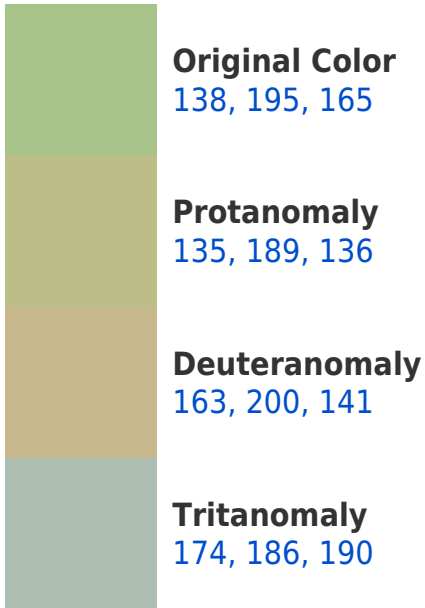
Dichromacy



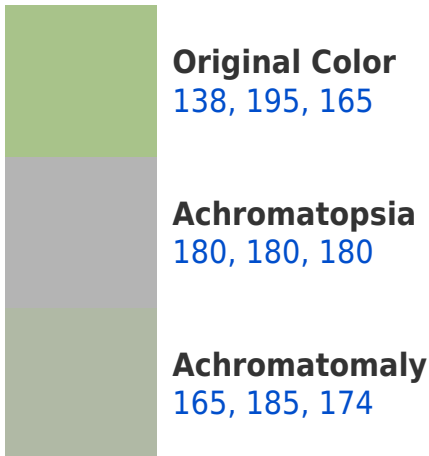


Tritanopia
177, 184, 202

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 138, 195, 165 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(168, 195, 138)` looks like.

```
.text, #text, p{  
    color:rgb(168, 195, 138)  
}
```

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(168, 195, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 195, 138) }
```

Border

The CSS property to change the border of an element to RYB 138, 195, 165 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(168, 195, 138) }
```

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

```
.border{ border-color:rgb(168, 195, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 195, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 195, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 195, 138);  
box-shadow:4px 4px 4px 4px rgb(168, 195,  
138) }
```

Background

The CSS property to change the background color of an element to RYB 138, 195, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 195, 138) }
```

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

```
.background{ background-color: rgb(168,  
195, 138) }
```

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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