

Converting Colors

RGB(162, 204, 136)

Have a look what the booklet for
RGB(162, 204, 136) contains.

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Color

RGB(162, 204, 136)

Conversions

Conversions Part 1

Format	Color
Hex	A2CC88
RGB	162, 204, 136
RGB Percent	64%, 80%, 53%
CMY	0.3647, 0.2000, 0.4667
CMYK	0.21, 0.00, 0.33, 0.20
HSL	97°, 40%, 67%
HSV	97°, 33%, 80%
XYZ	40.9371, 52.6447, 31.2964
YIQ	183.6900, -3.2040, -30.0520

Conversions

Conversions Part 2

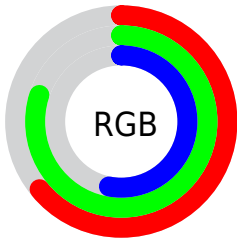
Format	Color
RYB	136, 204, 178
Decimal	10669192
CIELab	77.66, -26.13, 29.50
CIELCh	78, 39.409, 131.532
Yxy	52.6447, 0.3278, 0.4216
Android (android.graphics.Color)	4288859272 (0xFFA2CC88)
YUV	183.6900, -23.5112, -19.0221
Hunter-Lab	72.5567, -26.2629, 25.2157

Details

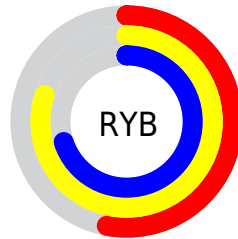
The RGB color **162, 204, 136** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **178, 136, 204**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **218, 255, 190**, and **109, 150, 85** is the 20% darker color. If you saturate the color by 10%, you get **149, 204, 116**, and if you desaturate by 10%, it is **175, 204, 156**.

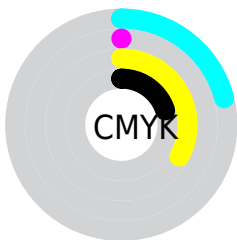
Distribution



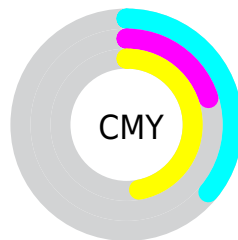
- Red (64%)
- Green (80%)
- Blue (53%)



- Red (53%)
- Yellow (80%)
- Blue (70%)



- Cyan (21%)
- Magenta (0%)
- Yellow (33%)
- Black (20%)



- Cyan (36%)
- Magenta (20%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RGB color 162, 204, 136 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 RGB color 162, 204, 136 by changing the saturation by 10% instead.

 162, 204, 136

255, 255, 255

 218, 255, 190

 247, 255, 218

 255, 255, 246

 162, 204, 136

 135, 176, 110

 109, 150, 85

 84, 124, 61

 59, 99, 38

 35, 74, 15

 12, 51, 0

 0, 32, 0

 0, 0, 0

 162, 204, 136


 162, 204, 136

 149, 204, 116

 175, 204, 156

 137, 204, 95

 187, 204, 177

 124, 204, 75

 200, 204, 197

 112, 204, 54


 212, 204, 218

 99, 204, 34

 225, 204, 238

 86, 204, 14

 238, 204, 255

 78, 204, 0

 250, 204, 255

 255, 204, 255

Harmonies

Analogous

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



202, 194, 119



162, 204, 136



117, 210, 168

Triad

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



162, 204, 136



102, 202, 255



255, 164, 179

Complementary

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



162, 204, 136



178, 136, 204

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.



249, 167, 216



162, 204, 136



163, 191, 255

Square

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



162, 204, 136



52, 209, 239



214, 177, 247



255, 170, 145

Rectangle

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



162, 204, 136



85, 212, 193



214, 177, 247



255, 164, 191

Sweetspot

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



162, 204, 136



239, 255, 230



204, 178, 136



118, 128, 112



0, 0, 0



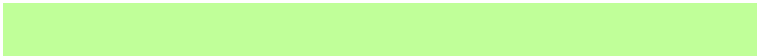
128, 128, 128

Same Dimension

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



162, 204, 136



192, 255, 153



136, 204, 144



96, 102, 92



63, 166, 0



15, 38, 0

Inverse Universe

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



178, 136, 204



216, 153, 255



204, 136, 196



98, 92, 102



102, 0, 166



24, 0, 38

Previews

White Background



This preview shows how the RGB color 162, 204, 136 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 RGB color 162, 204, 136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

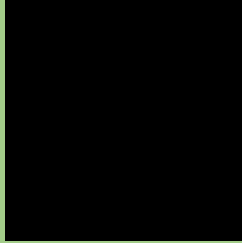
Any Text WCAG AA ✓ Pass

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](#).

RGB 162, 204, 136 Background



This preview shows how black text looks on a background with the RGB color 162, 204, 136.

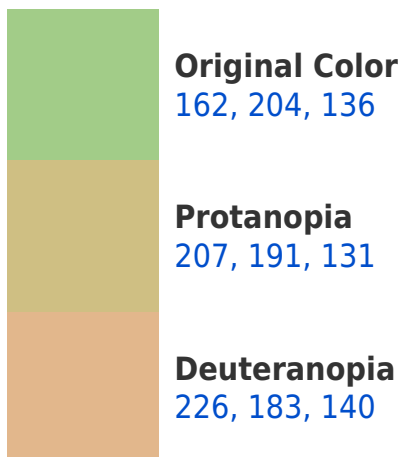


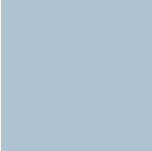
This preview shows how white text looks on a background with the RGB color 162, 204, 136.

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](#).

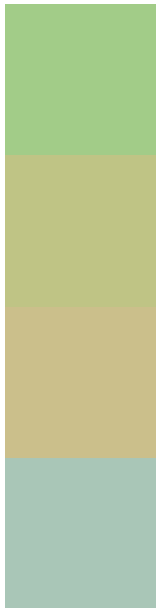
Dichromacy





Tritanopia
173, 195, 210

Trichromacy



Original Color
162, 204, 136

Protanomaly
191, 196, 133

Deuteranomaly
203, 191, 139

Tritanomaly
169, 198, 183

Monochromacy



Original Color
162, 204, 136

Achromatopsia
184, 184, 184

Achromatomaly
176, 191, 167

CSS Examples

Text

The CSS property to change the color of the text to RGB 162, 204, 136 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(162, 204, 136)` looks like.

```
.text, #text, p{  
    color:rgb(162, 204, 136)  
}
```

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(162, 204, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 204, 136) }
```

Border

The CSS property to change the border of an element to RGB 162, 204, 136 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(162, 204, 136) }
```

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

```
.border{ border-color:rgb(162, 204, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 204, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 204, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 204, 136);  
box-shadow:4px 4px 4px 4px rgb(162, 204,  
136) }
```

Background

The CSS property to change the background color of an element to RGB 162, 204, 136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 204, 136) }
```

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

```
.background{ background-color: rgb(162,  
204, 136) }
```

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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