

Converting Colors

RGB(168, 209, 84)

Have a look what the booklet for
RGB(168, 209, 84) contains.

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Color

RGB(168, 209, 84)

Conversions

Conversions Part 1

Format	Color
Hex	A8D154
RGB	168, 209, 84
RGB Percent	66%, 82%, 33%
CMY	0.3412, 0.1804, 0.6706
CMYK	0.20, 0.00, 0.60, 0.18
HSL	80°, 58%, 57%
HSV	80°, 60%, 82%
XYZ	40.5491, 54.5659, 16.7826
YIQ	182.4910, 15.6890, -47.5670

Conversions

Conversions Part 2

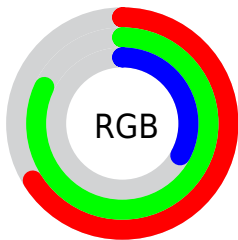
Format	Color
R_YB	84, 209, 125
Decimal	11063636
CIE Lab	78.79, -32.18, 56.20
CIE LCh	79, 64.759, 119.795
Yxy	54.5659, 0.3624, 0.4876
Android (android.graphics.Color)	4289253716 (0xFFA8D154)
YUV	182.4910, -48.5561, -12.7086
Hunter-Lab	73.8687, -31.2853, 38.2377

Details

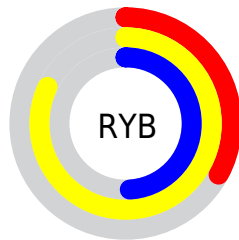
The RGB color **168, 209, 84** is a light color, and the websafe version is hex **99CC66**. The color can be described as light muted chartreuse. A complement of this color would be **125, 84, 209**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **225, 255, 138**, and **113, 154, 27** is the 20% darker color. If you saturate the color by 10%, you get **161, 209, 63**, and if you desaturate by 10%, it is **175, 209, 105**.

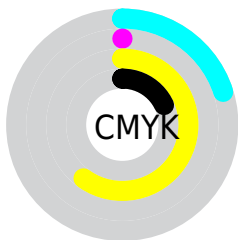
Distribution



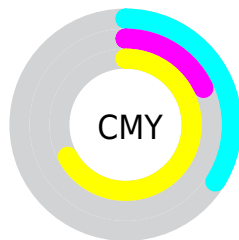
- Red (66%)
- Green (82%)
- Blue (33%)



- Red (33%)
- Yellow (82%)
- Blue (49%)



- Cyan (20%)
- Magenta (0%)
- Yellow (60%)
- Black (18%)




- Cyan (34%)
- Magenta (18%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the RGB color 168, 209, 84 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 168, 209, 84 by changing the saturation by 10% instead.

 168, 209, 84  168, 209, 84

255, 255, 255  140, 181, 57

 225, 255, 138  113, 154, 27

 255, 255, 165  86, 128, 0

 255, 255, 194  59, 103, 0

 255, 255, 222  32, 79, 0

 255, 255, 251  0, 55, 0

 0, 35, 0

 0, 0, 0

 168, 209, 84  168, 209, 84

161, 209, 63

175, 209, 105

154, 209, 42

182, 209, 126

147, 209, 21

189, 209, 147

141, 209, 0

195, 209, 168

140, 209, 0

202, 209, 188

209, 209, 209

216, 209, 230

223, 209, 251

230, 209, 255

Harmonies

Analogous

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



228, 192, 67



168, 209, 84



84, 220, 132

Triad

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



168, 209, 84



0, 217, 255



255, 141, 198

Complementary

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



168, 209, 84



125, 84, 209

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, 155, 255



168, 209, 84



51, 202, 255

Square

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



168, 209, 84



0, 224, 253



196, 179, 255



255, 148, 139

Rectangle

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



168, 209, 84



0, 223, 172



196, 179, 255



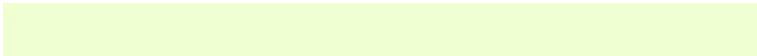
255, 144, 218

Sweetspot

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



168, 209, 84



240, 255, 209



209, 124, 84



118, 128, 99



0, 0, 0



128, 128, 128

Same Dimension

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



168, 209, 84



195, 255, 71



107, 209, 84



101, 105, 94



113, 168, 0



27, 41, 0

Inverse Universe

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



125, 84, 209



132, 71, 255



186, 84, 209



98, 94, 105



55, 0, 168



13, 0, 41

Previews

White Background



This preview shows how the RGB color 168, 209, 84 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 168, 209, 84 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 168, 209, 84 Background



This preview shows how black text looks on a background with the RGB color 168, 209, 84.

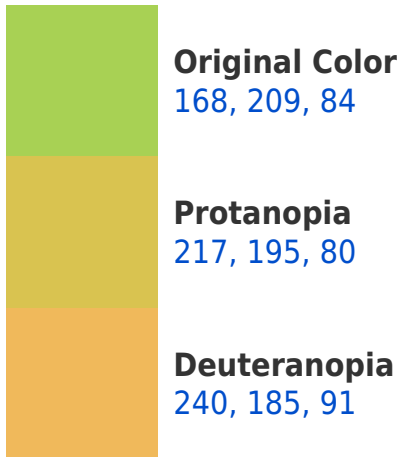


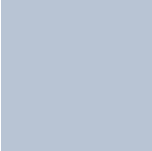
This preview shows how white text looks on a background with the RGB color 168, 209, 84.

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
184, 196, 212

Trichromacy



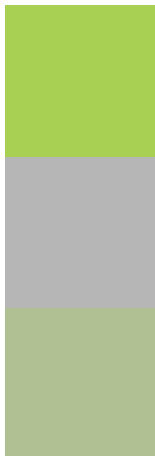
Original Color
168, 209, 84

Protanomaly
199, 200, 81

Deuteranomaly
214, 194, 88

Tritanomaly
178, 201, 165

Monochromacy



Original Color
168, 209, 84

Achromatopsia
182, 182, 182

Achromatomaly
177, 192, 146

CSS Examples

Text

The CSS property to change the color of the text to RGB 168, 209, 84 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, 209, 84)` looks like.

```
.text, #text, p{  
    color:rgb(168, 209, 84)  
}
```

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, 209, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 209, 84) }
```

Border

The CSS property to change the border of an element to RGB 168, 209, 84 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, 209, 84) }
```

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

```
.border{ border-color:rgb(168, 209, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 209, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 209, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 209, 84);  
box-shadow:4px 4px 4px 4px rgb(168, 209,  
84) }
```

Background

The CSS property to change the background color of an element to RGB 168, 209, 84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 209, 84) }
```

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

```
.background{ background-color: rgb(168,  
209, 84) }
```

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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