

Converting Colors

RGB(168, 229, 128)

Have a look what the booklet for
RGB(168, 229, 128) contains.

RGB(168, 229, 128)	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

RGB(168, 229, 128)

Conversions

Conversions Part 1

Format	Color
Hex	A8E580
RGB	168, 229, 128
RGB Percent	66%, 90%, 50%
CMY	0.3412, 0.1020, 0.4980
CMYK	0.27, 0.00, 0.44, 0.10
HSL	96°, 66%, 70%
HSV	96°, 44%, 90%
XYZ	48.0640, 65.9220, 30.6130
YIQ	199.2470, -3.9350, -44.3430

Conversions

Conversions Part 2

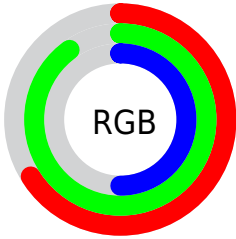
Format	Color
RYB	128, 229, 189
Decimal	11068800
CIELab	84.96, -36.81, 43.04
CIElCh	85, 56.634, 130.537
Yxy	65.9220, 0.3324, 0.4559
Android (android.graphics.Color)	4289258880 (0xFFA8E580)
YUV	199.2470, -35.1248, -27.4036
Hunter-Lab	81.1923, -36.4186, 34.4797

Details

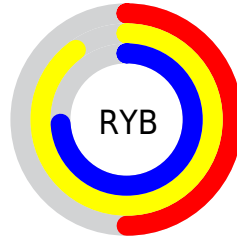
The RGB color **168, 229, 128** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **189, 128, 229**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **225, 255, 182**, and **113, 173, 76** is the 20% darker color. If you saturate the color by 10%, you get **154, 229, 105**, and if you desaturate by 10%, it is **182, 229, 151**.

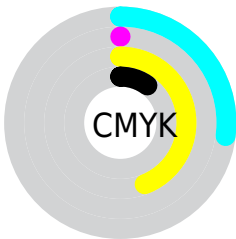
Distribution



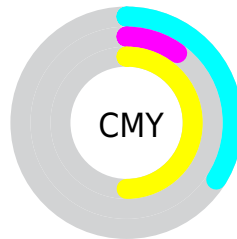
- Red (66%)
- Green (90%)
- Blue (50%)



- Red (50%)
- Yellow (90%)
- Blue (74%)



- Cyan (27%)
- Magenta (0%)
- Yellow (44%)
- Black (10%)



- Cyan (34%)
- Magenta (10%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RGB color 168, 229, 128 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, 229, 128 by changing the saturation by 10% instead.

 168, 229, 128

255, 255, 255

 225, 255, 182

 254, 255, 210


 255, 255, 239

 168, 229, 128


 140, 201, 102


 113, 173, 76

 86, 146, 51

 60, 120, 25

 32, 95, 0

 0, 71, 0

 0, 48, 0

 0, 26, 0


 0, 0, 0

 168, 229, 128

 168, 229, 128

 154, 229, 105


 182, 229, 151

 140, 229, 82

 196, 229, 174

 127, 229, 59


 209, 229, 197

 113, 229, 36

 223, 229, 220

 99, 229, 13

 237, 229, 243

 91, 229, 0

 251, 229, 255

 255, 229, 255

Harmonies

Analogous

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



226, 215, 103



168, 229, 128



91, 237, 175

Triad

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



168, 229, 128



0, 227, 255



255, 168, 195

Complementary

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



168, 229, 128



189, 128, 229

Split Complementary

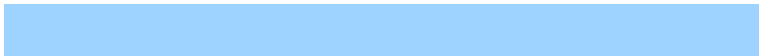
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 173, 249



168, 229, 128



158, 211, 255

Square

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



168, 229, 128



0, 237, 255



241, 191, 255



255, 178, 145

Rectangle

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



168, 229, 128



0, 239, 211



241, 191, 255



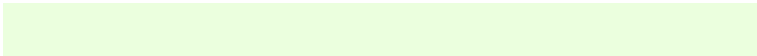
255, 168, 213

Sweetspot

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



168, 229, 128



235, 255, 222



229, 189, 128



115, 128, 107



0, 0, 0



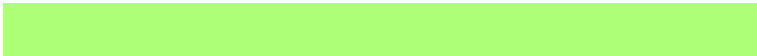
128, 128, 128

Same Dimension

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



168, 229, 128



173, 255, 120



128, 229, 138



108, 115, 103



71, 179, 0



20, 51, 0

Inverse Universe

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



189, 128, 229



201, 120, 255



229, 128, 219



110, 103, 115



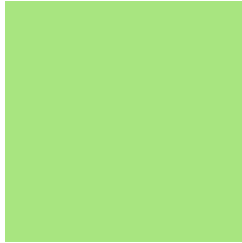
108, 0, 179



31, 0, 51

Previews

White Background



This preview shows how the RGB color 168, 229, 128 looks on a white background.

Color Contrast Check

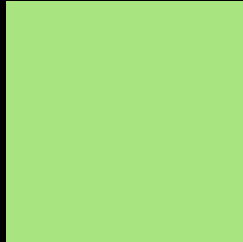
Large Text (above 18pt) WCAG AA × Fail

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, 229, 128 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, 229, 128 Background



This preview shows how black text looks on a background with the RGB color 168, 229, 128.

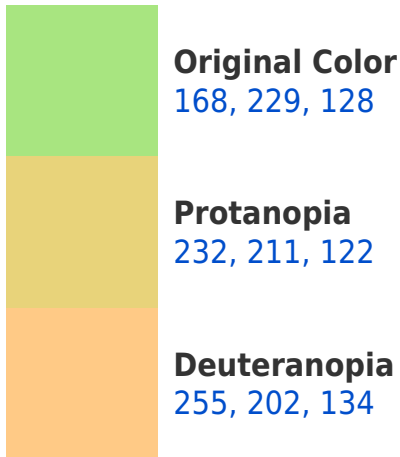


This preview shows how white text looks on a background with the RGB color 168, 229, 128.

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, 217, 234

Trichromacy



Original Color

168, 229, 128



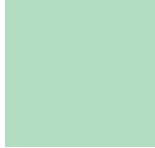
Protanomaly

209, 218, 124



Deuteranomaly

223, 212, 132



Tritanomaly

178, 221, 195

Monochromacy



Original Color

168, 229, 128



Achromatopsia

199, 199, 199



Achromatomaly

188, 210, 173

CSS Examples

Text

The CSS property to change the color of the text to RGB 168, 229, 128 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, 229, 128)` looks like.

```
.text, #text, p{  
    color:rgb(168, 229, 128)  
}
```

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, 229, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 229, 128) }
```

Border

The CSS property to change the border of an element to RGB 168, 229, 128 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, 229, 128) }
```

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

```
.border{ border-color:rgb(168, 229, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 229, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 229, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 229, 128);  
box-shadow:4px 4px 4px 4px rgb(168, 229,  
128) }
```

Background

The CSS property to change the background color of an element to RGB 168, 229, 128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 229, 128) }
```

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

```
.background{ background-color: rgb(168,  
229, 128) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor