

Converting Colors

RGB(169, 232, 124)

Have a look what the booklet for
RGB(169, 232, 124) contains.

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Color

RGB(169, 232, 124)

Conversions

Conversions Part 1

Format	Color
Hex	A9E87C
RGB	169, 232, 124
RGB Percent	66%, 91%, 49%
CMY	0.3373, 0.0902, 0.5137
CMYK	0.27, 0.00, 0.47, 0.09
HSL	95°, 70%, 70%
HSV	95°, 47%, 91%
XYZ	48.8569, 67.6035, 29.5425
YIQ	200.8510, -2.8800, -46.9440

Conversions

Conversions Part 2

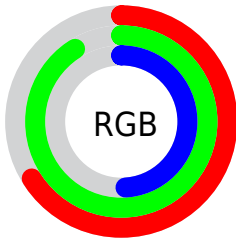
Format	Color
RYB	124, 232, 187
Decimal	11135100
CIELab	85.81, -38.30, 46.05
CIELCh	86, 59.898, 129.747
Yxy	67.6035, 0.3346, 0.4630
Android (android.graphics.Color)	4289325180 (0xFFA9E87C)
YUV	200.8510, -37.8875, -27.9333
Hunter-Lab	82.2213, -37.8205, 36.2517

Details

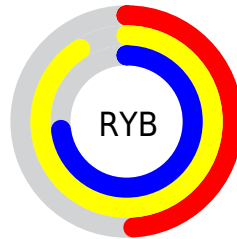
The RGB color **169, 232, 124** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **187, 124, 232**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **226, 255, 178**, and **114, 176, 72** is the 20% darker color. If you saturate the color by 10%, you get **155, 232, 101**, and if you desaturate by 10%, it is **183, 232, 147**.

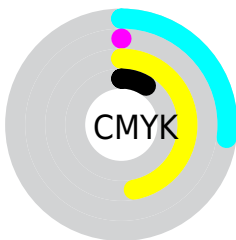
Distribution



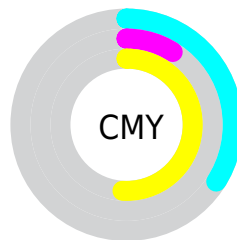
- Red (66%)
- Green (91%)
- Blue (49%)



- Red (49%)
- Yellow (91%)
- Blue (73%)



- Cyan (27%)
- Magenta (0%)
- Yellow (47%)
- Black (9%)



- Cyan (34%)
- Magenta (9%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RGB color 169, 232, 124 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 169, 232, 124 by changing the saturation by 10% instead.

 169, 232, 124


255, 255, 255

 226, 255, 178

 255, 255, 206


 255, 255, 235


 169, 232, 124

 141, 204, 98

 114, 176, 72

 87, 149, 46

 60, 123, 18

 31, 98, 0

 0, 73, 0

 0, 50, 0

 0, 29, 0

 0, 0, 0

 169, 232, 124

 169, 232, 124

 155, 232, 101


 183, 232, 147

 142, 232, 78


 196, 232, 170

 128, 232, 54

 210, 232, 194

 115, 232, 31

 223, 232, 217

 101, 232, 8

 237, 232, 240

 97, 232, 0

 250, 232, 255

 255, 232, 255

Harmonies

Analogous

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



230, 217, 98



169, 232, 124



84, 241, 173

Triad

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



169, 232, 124



0, 231, 255



255, 167, 198

Complementary

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



169, 232, 124



187, 124, 232

Split Complementary

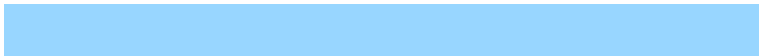
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 173, 255



169, 232, 124



152, 214, 255

Square

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



169, 232, 124



0, 241, 255



243, 192, 255



255, 178, 145

Rectangle

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



169, 232, 124



0, 243, 212



243, 192, 255



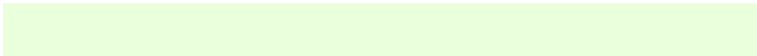
255, 167, 217

Sweetspot

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



169, 232, 124



234, 255, 219



232, 187, 124



115, 128, 106



0, 0, 0



128, 128, 128

Same Dimension

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



169, 232, 124



172, 255, 112



124, 232, 133



108, 115, 103



74, 179, 0



21, 51, 0

Inverse Universe

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



187, 124, 232



195, 112, 255



232, 124, 223



110, 103, 115



104, 0, 179



30, 0, 51

Previews

White Background



This preview shows how the RGB color 169, 232, 124 looks on a white background.

Color Contrast Check

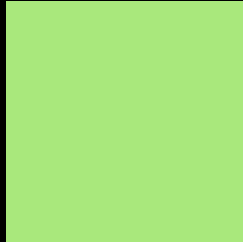
Large Text (above 18pt) WCAG AA × Fail

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 169, 232, 124 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 169, 232, 124 Background



This preview shows how black text looks on a background with the RGB color 169, 232, 124.

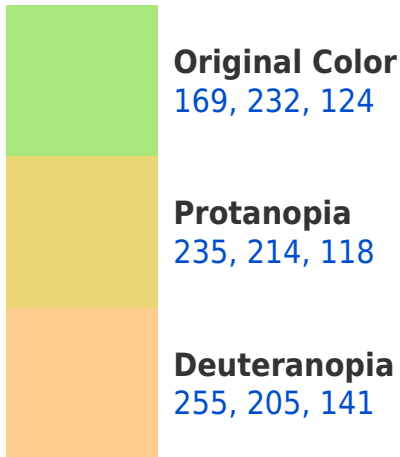


This preview shows how white text looks on a background with the RGB color 169, 232, 124.

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, 219, 237

Trichromacy



Original Color

169, 232, 124



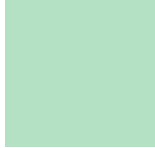
Protanomaly

211, 221, 120



Deuteranomaly

224, 215, 135



Tritanomaly

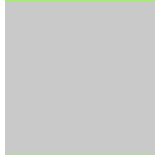
180, 224, 196

Monochromacy



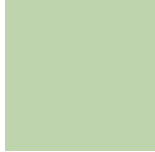
Original Color

169, 232, 124



Achromatopsia

201, 201, 201



Achromatomaly

189, 212, 173

CSS Examples

Text

The CSS property to change the color of the text to RGB 169, 232, 124 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(169, 232, 124)` looks like.

```
.text, #text, p{  
    color:rgb(169, 232, 124)  
}
```

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(169, 232, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 232, 124) }
```

Border

The CSS property to change the border of an element to RGB 169, 232, 124 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(169, 232, 124) }
```

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

```
.border{ border-color:rgb(169, 232, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 232, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 232, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 232, 124);  
box-shadow:4px 4px 4px 4px rgb(169, 232,  
124) }
```

Background

The CSS property to change the background color of an element to RGB 169, 232, 124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 232, 124) }
```

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

```
.background{ background-color: rgb(169,  
232, 124) }
```

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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