

Converting Colors

RGB(186, 255, 133)

Have a look what the booklet for
RGB(186, 255, 133) contains.

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Color

RGB(186, 255, 133)

Conversions

Conversions Part 1

Format	Color
Hex	BAFF85
RGB	186, 255, 133
RGB Percent	73%, 100%, 52%
CMY	0.2706, 0.0000, 0.4784
CMYK	0.27, 0.00, 0.48, 0.00
HSL	94°, 100%, 76%
HSV	94°, 48%, 100%
XYZ	60.2433, 83.6526, 35.1617
YIQ	220.4610, -1.9620, -52.5700

Conversions

Conversions Part 2

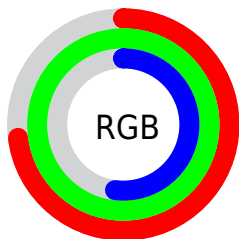
Format	Color
RYB	133, 255, 202
Decimal	12255109
CIELab	93.30, -41.62, 51.23
CIElCh	93, 66.008, 129.090
Yxy	83.6526, 0.3364, 0.4672
Android (android.graphics.Color)	4290445189 (0xFFBAFF85)
YUV	220.4610, -43.1183, -30.2223
Hunter-Lab	91.4618, -42.4851, 41.2297

Details

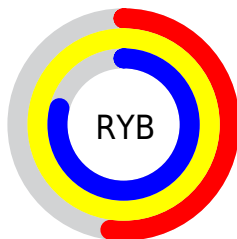
The RGB color **186, 255, 133** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **202, 133, 255**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is **244, 255, 188**, and **130, 198, 80** is the 20% darker color. If you saturate the color by 10%, you get **172, 255, 108**, and if you desaturate by 10%, it is **200, 255, 159**.

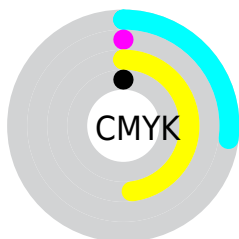
Distribution



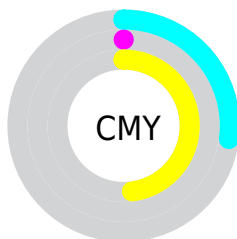
- Red (73%)
- Green (100%)
- Blue (52%)



- Red (52%)
- Yellow (100%)
- Blue (79%)



- Cyan (27%)
- Magenta (0%)
- Yellow (48%)
- Black (0%)



- Cyan (27%)
- Magenta (0%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RGB color 186, 255, 133 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 186, 255, 133 by changing the saturation by 10% instead.

 186, 255, 133

255, 255, 255


 244, 255, 188


 255, 255, 217


 255, 255, 246

 186, 255, 133

 158, 226, 106

 130, 198, 80

 102, 170, 53

 74, 143, 25

 46, 117, 0

 9, 92, 0

 0, 68, 0

 0, 45, 0

 0, 20, 0

■ 186, 255, 133

■ 186, 255, 133

■ 172, 255, 108

■ 200, 255, 159

■ 157, 255, 82

■ 215, 255, 184

■ 143, 255, 57

■ 229, 255, 210

■ 128, 255, 31

■ 244, 255, 235

■ 114, 255, 6

255, 255, 255

■ 111, 255, 0

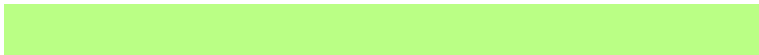
Harmonies

Analogous

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



255, 239, 105



186, 255, 133



90, 255, 188

Triad

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



186, 255, 133



0, 255, 255



255, 181, 219

Complementary

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



186, 255, 133



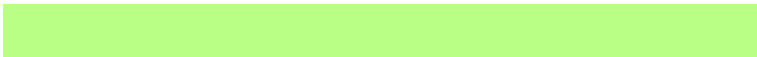
202, 133, 255

Split Complementary

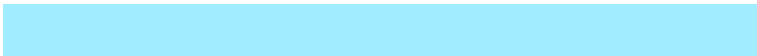
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 189, 255



186, 255, 133



161, 236, 255

Square

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



186, 255, 133



0, 255, 255



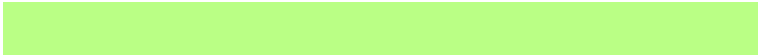
255, 211, 255



255, 194, 159

Rectangle

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



186, 255, 133



0, 255, 232



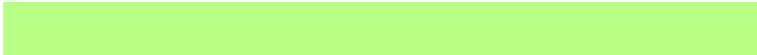
255, 211, 255



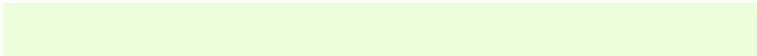
255, 182, 240

Sweetspot

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



186, 255, 133



235, 255, 219



255, 200, 133



115, 128, 106



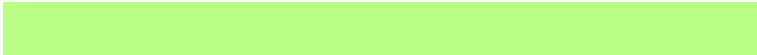
0, 0, 0



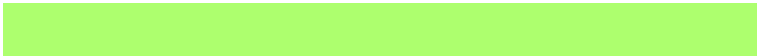
128, 128, 128

Same Dimension

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



186, 255, 133



173, 255, 110



133, 255, 139



120, 128, 115



83, 191, 0



28, 64, 0

Inverse Universe

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



202, 133, 255



192, 110, 255



255, 133, 249



122, 115, 128



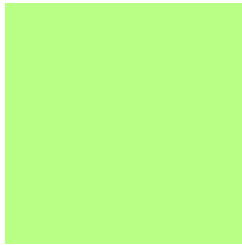
108, 0, 191



36, 0, 64

Previews

White Background



This preview shows how the RGB color 186, 255, 133 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 186, 255, 133 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 186, 255, 133 Background



This preview shows how black text looks on a background with the RGB color 186, 255, 133.

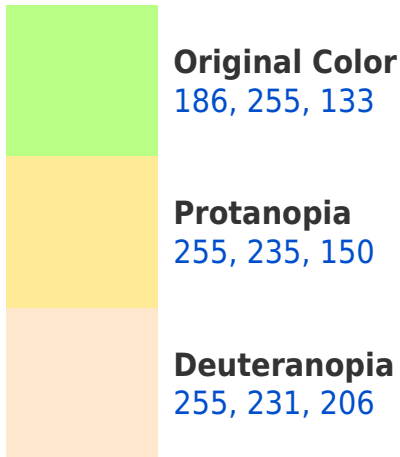


This preview shows how white text looks on a background with the RGB color 186, 255, 133.

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](#).

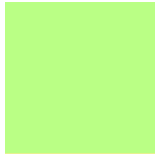
Dichromacy





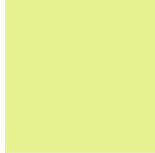
Tritanopia
212, 240, 255

Trichromacy



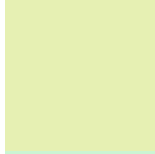
Original Color

186, 255, 133



Protanomaly

230, 242, 144



Deuteranomaly

230, 240, 179



Tritanomaly

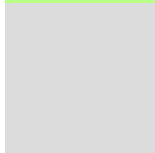
203, 245, 211

Monochromacy



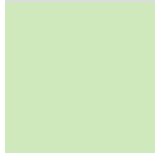
Original Color

186, 255, 133



Achromatopsia

220, 220, 220



Achromatomaly

208, 233, 188

CSS Examples

Text

The CSS property to change the color of the text to RGB 186, 255, 133 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(186, 255, 133)` looks like.

```
.text, #text, p{  
    color:rgb(186, 255, 133)  
}
```

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(186, 255, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 255, 133) }
```

Border

The CSS property to change the border of an element to RGB 186, 255, 133 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(186, 255, 133) }
```

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

```
.border{ border-color:rgb(186, 255, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 255, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 255, 133); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 255, 133); box-shadow:4px 4px 4px 4px rgb(186, 255, 133) }
```

Background

The CSS property to change the background color of an element to RGB 186, 255, 133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 255, 133) }
```

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

```
.background{ background-color: rgb(186,  
255, 133) }
```

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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