

Converting Colors

RGB(180, 255, 146)

Have a look what the booklet for
RGB(180, 255, 146) contains.

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Color

RGB(180, 255, 146)

Conversions

Conversions Part 1

Format	Color
Hex	B4FF92
RGB	180, 255, 146
RGB Percent	71%, 100%, 57%
CMY	0.2941, 0.0000, 0.4275
CMYK	0.29, 0.00, 0.43, 0.00
HSL	101°, 100%, 79%
HSV	101°, 43%, 100%
XYZ	59.7707, 83.2986, 40.1221
YIQ	220.1490, -9.7110, -49.7990

Conversions

Conversions Part 2

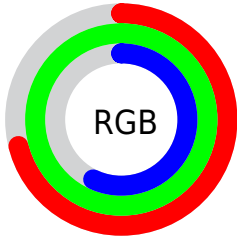
Format	Color
RYB	146, 255, 221
Decimal	11861906
CIELab	93.15, -42.08, 44.80
CIELCh	93, 61.462, 133.211
Yxy	83.2986, 0.3263, 0.4547
Android (android.graphics.Color)	4290051986 (0xFFB4FF92)
YUV	220.1490, -36.5555, -35.2107
Hunter-Lab	91.2681, -42.8210, 37.8233

Details

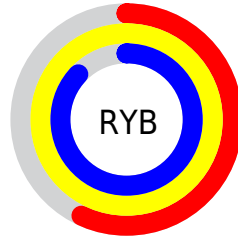
The RGB color **180, 255, 146** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **221, 146, 255**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is **238, 255, 201**, and **124, 198, 93** is the 20% darker color. If you saturate the color by 10%, you get **162, 255, 121**, and if you desaturate by 10%, it is **198, 255, 171**.

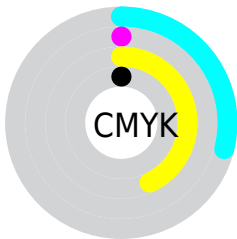
Distribution



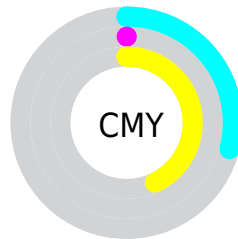
- Red (71%)
- Green (100%)
- Blue (57%)



- Red (57%)
- Yellow (100%)
- Blue (87%)



- Cyan (29%)
- Magenta (0%)
- Yellow (43%)
- Black (0%)



- Cyan (29%)
- Magenta (0%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RGB color 180, 255, 146 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 180, 255, 146 by changing the saturation by 10% instead.

 180, 255, 146

255, 255, 255

 238, 255, 201

 255, 255, 230


 180, 255, 146

 152, 226, 119

 124, 198, 93

 97, 170, 68

 69, 143, 42

 40, 117, 13

 0, 92, 0

 0, 68, 0

 0, 45, 0


 0, 19, 0

 180, 255, 146

 180, 255, 146

 162, 255, 121

 198, 255, 171

 145, 255, 95

 215, 255, 197

 127, 255, 69


 233, 255, 223

 110, 255, 44

 250, 255, 248

 92, 255, 18

 255, 255, 255

 80, 255, 0

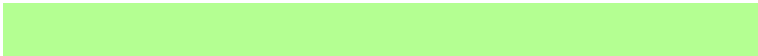
Harmonies

Analogous

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



246, 240, 116



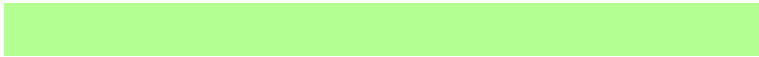
180, 255, 146



90, 255, 199

Triad

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



180, 255, 146



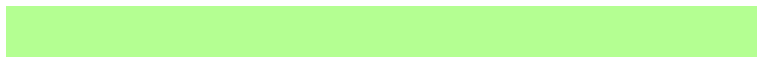
0, 251, 255



255, 186, 211

Complementary

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



180, 255, 146



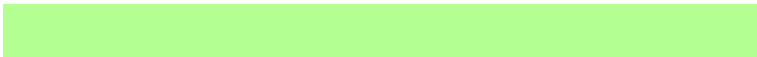
221, 146, 255

Split Complementary

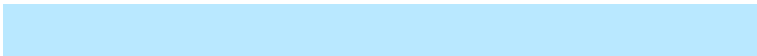
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 191, 255



180, 255, 146



185, 232, 255

Square

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



180, 255, 146



0, 255, 255



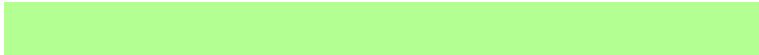
255, 210, 255



255, 199, 157

Rectangle

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



180, 255, 146



0, 255, 240



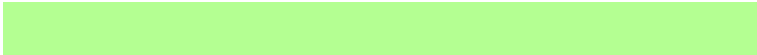
255, 210, 255



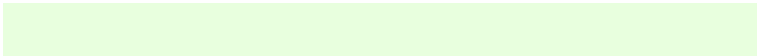
255, 186, 231

Sweetspot

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



180, 255, 146



232, 255, 222



255, 220, 146



113, 128, 107



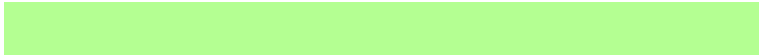
0, 0, 0



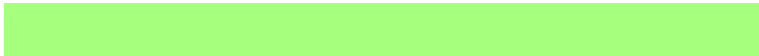
128, 128, 128

Same Dimension

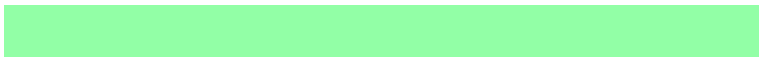
The Same Dimension uses a secret algorithm to generate beautiful new colors.



180, 255, 146



166, 255, 125



146, 255, 166



119, 128, 115



60, 191, 0



20, 64, 0

Inverse Universe

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



221, 146, 255



214, 125, 255



255, 146, 235



124, 115, 128



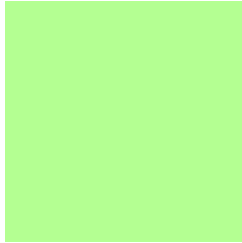
132, 0, 191



44, 0, 64

Previews

White Background



This preview shows how the RGB color 180, 255, 146 looks on a white background.

Color Contrast Check

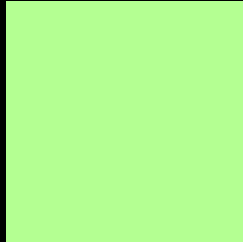
Large Text (above 18pt) WCAG AA × Fail

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 180, 255, 146 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

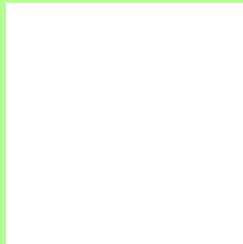
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 180, 255, 146 Background



This preview shows how black text looks on a background with the RGB color 180, 255, 146.

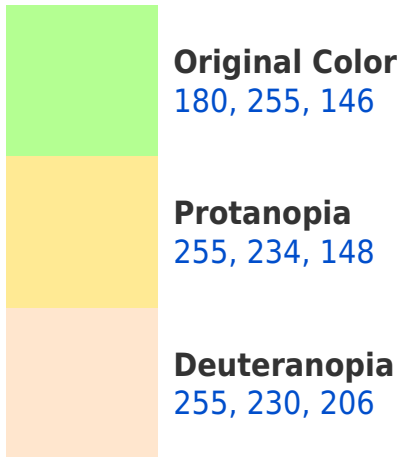


This preview shows how white text looks on a background with the RGB color 180, 255, 146.

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
208, 240, 255

Trichromacy



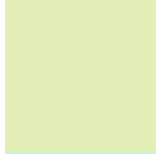
Original Color

180, 255, 146



Protanomaly

228, 242, 147



Deuteranomaly

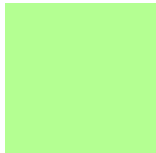
228, 239, 184



Tritanomaly

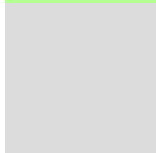
198, 245, 215

Monochromacy



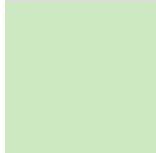
Original Color

180, 255, 146



Achromatopsia

220, 220, 220



Achromatomaly

205, 233, 193

CSS Examples

Text

The CSS property to change the color of the text to RGB 180, 255, 146 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(180, 255, 146)` looks like.

```
.text, #text, p{  
    color:rgb(180, 255, 146)  
}
```

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(180, 255, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 255, 146) }
```

Border

The CSS property to change the border of an element to RGB 180, 255, 146 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(180, 255, 146) }
```

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

```
.border{ border-color:rgb(180, 255, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 255, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 255, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 255, 146);  
box-shadow:4px 4px 4px 4px rgb(180, 255,  
146) }
```

Background

The CSS property to change the background color of an element to RGB 180, 255, 146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 255, 146) }
```

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

```
.background{ background-color: rgb(180,  
255, 146) }
```

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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