

Converting Colors

RGB(175, 255, 142)

Have a look what the booklet for
RGB(175, 255, 142) contains.

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Color

RGB(175, 255, 142)

Conversions

Conversions Part 1

Format	Color
Hex	AFFF8E
RGB	175, 255, 142
RGB Percent	69%, 100%, 56%
CMY	0.3137, 0.0000, 0.4431
CMYK	0.31, 0.00, 0.44, 0.00
HSL	102°, 100%, 78%
HSV	102°, 44%, 100%
XYZ	58.3217, 82.5870, 38.4582
YIQ	218.1980, -11.4070, -52.1030

Conversions

Conversions Part 2

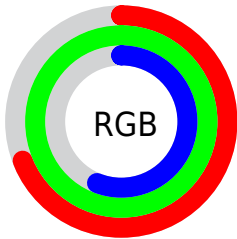
Format	Color
RYB	142, 255, 222
Decimal	11534222
CIELab	92.83, -44.23, 46.27
CIELCh	93, 64.007, 133.708
Yxy	82.5870, 0.3252, 0.4604
Android (android.graphics.Color)	4289724302 (0xFFAFF8E)
YUV	218.1980, -37.5656, -37.8846
Hunter-Lab	90.8774, -44.4808, 38.5234

Details

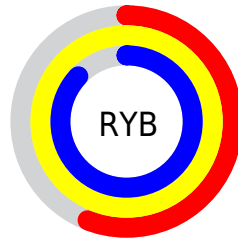
The RGB color **175, 255, 142** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **222, 142, 255**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is **233, 255, 197**, and **119, 198, 89** is the 20% darker color. If you saturate the color by 10%, you get **157, 255, 117**, and if you desaturate by 10%, it is **193, 255, 168**.

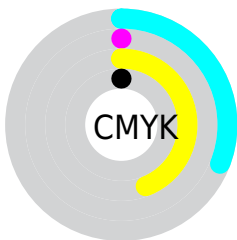
Distribution



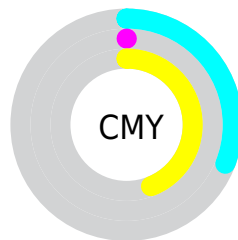
- Red (69%)
- Green (100%)
- Blue (56%)



- Red (56%)
- Yellow (100%)
- Blue (87%)



- Cyan (31%)
- Magenta (0%)
- Yellow (44%)
- Black (0%)



- Cyan (31%)
- Magenta (0%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RGB color 175, 255, 142 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 175, 255, 142 by changing the saturation by 10% instead.

 175, 255, 142

255, 255, 255

 233, 255, 197


 255, 255, 226


255, 255, 255

 175, 255, 142

 147, 226, 115

 119, 198, 89

 91, 170, 64

 63, 143, 37

 32, 117, 5

 0, 92, 0

 0, 67, 0

 0, 45, 0

 0, 18, 0

■ 175, 255, 142

■ 175, 255, 142

■ 157, 255, 117

■ 193, 255, 168

■ 139, 255, 91

■ 211, 255, 193

■ 121, 255, 66

■ 229, 255, 219

■ 103, 255, 40

■ 247, 255, 244

■ 85, 255, 15

255, 255, 255

■ 74, 255, 0

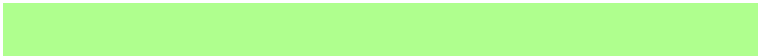
Harmonies

Analogous

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



244, 240, 110



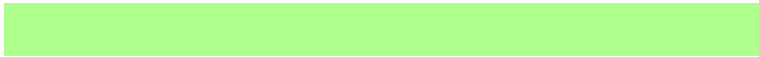
175, 255, 142



74, 255, 198

Triad

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



175, 255, 142



0, 250, 255



255, 183, 208

Complementary

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



175, 255, 142



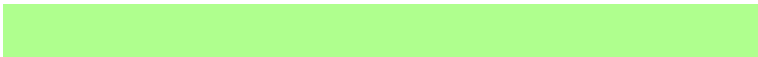
222, 142, 255

Split Complementary

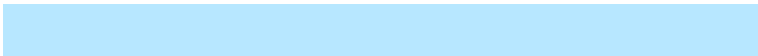
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 187, 255



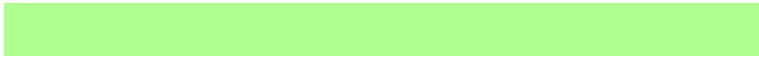
175, 255, 142



183, 231, 255

Square

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



175, 255, 142



0, 255, 255



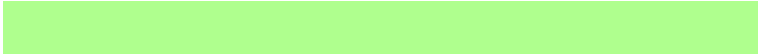
255, 207, 255



255, 197, 152

Rectangle

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



175, 255, 142



0, 255, 240



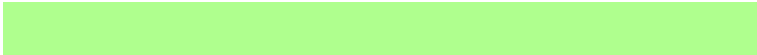
255, 207, 255



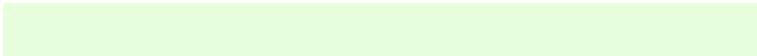
255, 182, 229

Sweetspot

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



175, 255, 142



232, 255, 222



255, 221, 142



113, 128, 107



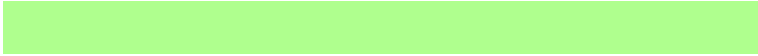
0, 0, 0



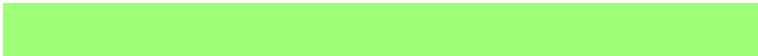
128, 128, 128

Same Dimension

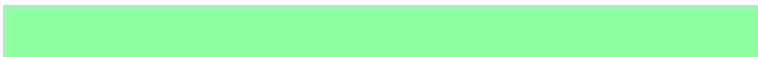
The Same Dimension uses a secret algorithm to generate beautiful new colors.



175, 255, 142



159, 255, 120



142, 255, 165



118, 128, 115



56, 191, 0



19, 64, 0

Inverse Universe

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



222, 142, 255



216, 120, 255



255, 142, 232



124, 115, 128



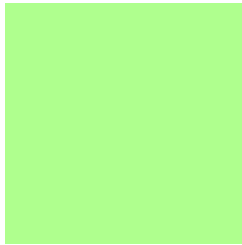
135, 0, 191



45, 0, 64

Previews

White Background



This preview shows how the RGB color 175, 255, 142 looks on a white background.

Color Contrast Check

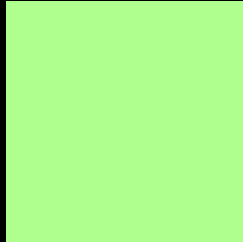
Large Text (above 18pt) WCAG AA × Fail

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 175, 255, 142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

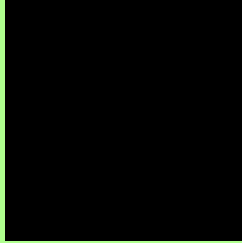
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

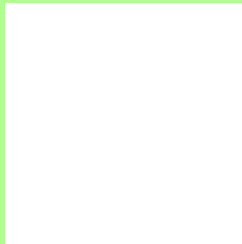
Any Text WCAG AAA ✓ Pass

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

RGB 175, 255, 142 Background



This preview shows how black text looks on a background with the RGB color 175, 255, 142.

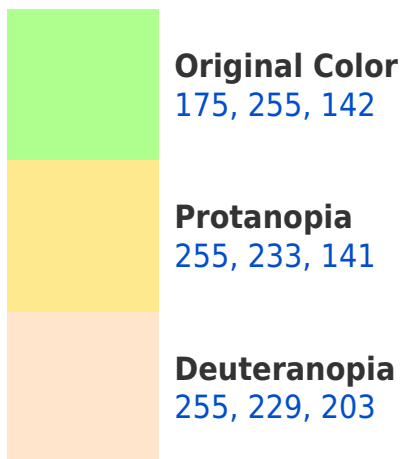


This preview shows how white text looks on a background with the RGB color 175, 255, 142.

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





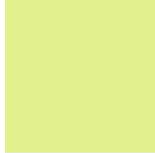
Tritanopia
204, 240, 255

Trichromacy



Original Color

175, 255, 142



Protanomaly

226, 241, 141



Deuteranomaly

226, 238, 181



Tritanomaly

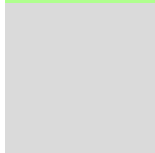
193, 245, 214

Monochromacy



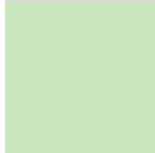
Original Color

175, 255, 142



Achromatopsia

218, 218, 218



Achromatomaly

202, 231, 190

CSS Examples

Text

The CSS property to change the color of the text to RGB 175, 255, 142 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(175, 255, 142)` looks like.

```
.text, #text, p{  
    color:rgb(175, 255, 142)  
}
```

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(175, 255, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 255, 142) }
```

Border

The CSS property to change the border of an element to RGB 175, 255, 142 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(175, 255, 142) }
```

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

```
.border{ border-color:rgb(175, 255, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 255, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 255, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 255, 142);  
box-shadow:4px 4px 4px 4px rgb(175, 255,  
142) }
```

Background

The CSS property to change the background color of an element to RGB 175, 255, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 255, 142) }
```

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

```
.background{ background-color: rgb(175,  
255, 142) }
```

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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