

Converting Colors

RGB(147, 252, 142)

Have a look what the booklet for
RGB(147, 252, 142) contains.

RGB(147, 252, 142)	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(147, 252, 142)

Conversions

Conversions Part 1

Format	Color
Hex	93FC8E
RGB	147, 252, 142
RGB Percent	58%, 99%, 56%
CMY	0.4235, 0.0118, 0.4431
CMYK	0.42, 0.00, 0.44, 0.01
HSL	117°, 95%, 77%
HSV	117°, 44%, 99%
XYZ	51.7255, 77.7768, 37.8774
YIQ	208.0650, -27.2700, -56.4700

Conversions

Conversions Part 2

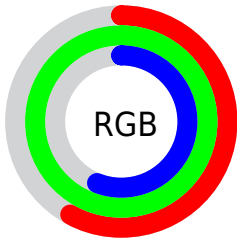
Format	Color
RYB	142, 252, 247
Decimal	9698446
CIELab	90.68, -51.60, 43.27
CIElCh	91, 67.341, 140.020
Yxy	77.7768, 0.3090, 0.4647
Android (android.graphics.Color)	4287888526 (0xFF93FC8E)
YUV	208.0650, -32.5700, -53.5540
Hunter-Lab	88.1912, -49.6415, 36.2693

Details

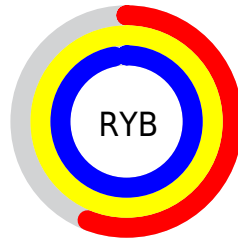
The RGB color **147, 252, 142** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **247, 142, 252**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is **205, 255, 197**, and **89, 195, 90** is the 20% darker color. If you saturate the color by 10%, you get **123, 252, 117**, and if you desaturate by 10%, it is **171, 252, 167**.

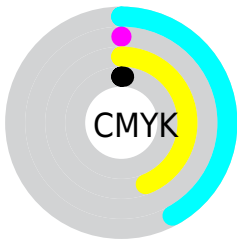
Distribution



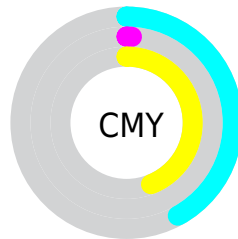
- Red (58%)
- Green (99%)
- Blue (56%)



- Red (56%)
- Yellow (99%)
- Blue (97%)



- Cyan (42%)
- Magenta (0%)
- Yellow (44%)
- Black (1%)



- Cyan (42%)
- Magenta (1%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RGB color 147, 252, 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 147, 252, 142 by changing the saturation by 10% instead.

 147, 252, 142

255, 255, 255


 205, 255, 197

 235, 255, 225

255, 255, 255

 147, 252, 142

 118, 223, 115

 89, 195, 90

 58, 167, 64

 18, 140, 38

 0, 114, 8

 0, 88, 0

 0, 63, 0


 0, 42, 0

 0, 5, 0

 147, 252, 142

 147, 252, 142

 123, 252, 117


 171, 252, 167

 99, 252, 92

 195, 252, 192

 75, 252, 66


 219, 252, 218

 51, 252, 41

 243, 252, 243

 27, 252, 16

 255, 252, 255

 11, 252, 0

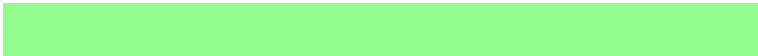
Harmonies

Analogous

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



223, 238, 101



147, 252, 142



0, 255, 204

Triad

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



147, 252, 142



0, 242, 255



255, 175, 188

Complementary

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



147, 252, 142



247, 142, 252

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, 175, 253



147, 252, 142



196, 220, 255

Square

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



147, 252, 142



0, 255, 255



255, 194, 255



255, 193, 131

Rectangle

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



147, 252, 142



0, 255, 249



255, 194, 255



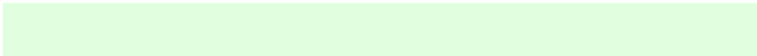
255, 172, 209

Sweetspot

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



147, 252, 142



223, 255, 222



252, 247, 142



108, 128, 107



0, 0, 0



128, 128, 128

Same Dimension

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



147, 252, 142



128, 255, 122



142, 252, 192



113, 125, 112



9, 189, 0



3, 61, 0

Inverse Universe

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



247, 142, 252



249, 122, 255



252, 142, 203



124, 112, 125



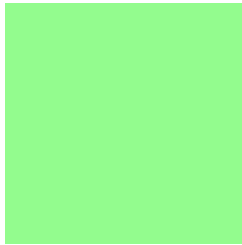
180, 0, 189



58, 0, 61

Previews

White Background



This preview shows how the RGB color 147, 252, 142 looks on a white background.

Color Contrast Check

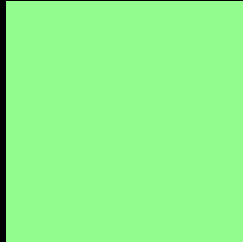
Large Text (above 18pt) WCAG AA × Fail

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 147, 252, 142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

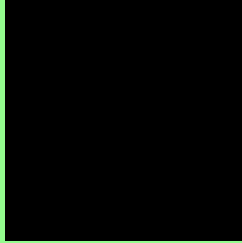
Any Text WCAG AA ✓ Pass

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 147, 252, 142 Background



This preview shows how black text looks on a background with the RGB color 147, 252, 142.

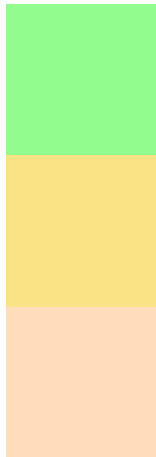


This preview shows how white text looks on a background with the RGB color 147, 252, 142.

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



Original Color
147, 252, 142

Protanopia
249, 227, 133

Deuteranopia
255, 221, 186



Tritanopia
176, 238, 255

Trichromacy



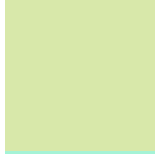
Original Color

147, 252, 142



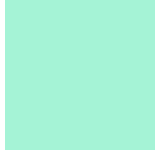
Protanomaly

212, 236, 136



Deuteranomaly

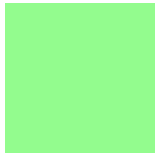
216, 232, 170



Tritanomaly

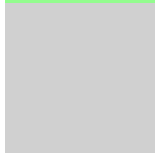
165, 243, 214

Monochromacy



Original Color

147, 252, 142



Achromatopsia

208, 208, 208



Achromatomaly

186, 224, 184

CSS Examples

Text

The CSS property to change the color of the text to RGB 147, 252, 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(147, 252, 142)` looks like.

```
.text, #text, p{  
    color:rgb(147, 252, 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(147, 252, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 252, 142) }
```

Border

The CSS property to change the border of an element to RGB 147, 252, 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(147, 252, 142) }
```

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

```
.border{ border-color:rgb(147, 252, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 252, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 252, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 252, 142);  
box-shadow:4px 4px 4px 4px rgb(147, 252,  
142) }
```

Background

The CSS property to change the background color of an element to RGB 147, 252, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 252, 142) }
```

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

```
.background{ background-color: rgb(147,  
252, 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](#).

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