

Converting Colors

RGB(142, 252, 117)

Have a look what the booklet for
RGB(142, 252, 117) contains.

RGB(142, 252, 117)	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(142, 252, 117)

Conversions

Conversions Part 1

Format	Color
Hex	8EFC75
RGB	142, 252, 117
RGB Percent	56%, 99%, 46%
CMY	0.4431, 0.0118, 0.5412
CMYK	0.44, 0.00, 0.54, 0.01
HSL	109°, 96%, 72%
HSV	109°, 54%, 99%
XYZ	49.1766, 76.6559, 29.0338
YIQ	203.7200, -22.2250, -65.3050

Conversions

Conversions Part 2

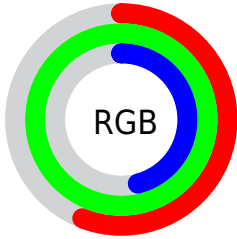
Format	Color
RYB	117, 252, 227
Decimal	9370741
CIELab	90.16, -56.20, 54.31
CIElCh	90, 78.154, 135.980
Yxy	76.6559, 0.3175, 0.4950
Android (android.graphics.Color)	4287560821 (0xFF8EFC75)
YUV	203.7200, -42.7530, -54.1284
Hunter-Lab	87.5534, -52.9593, 41.6260

Details

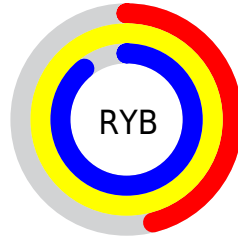
The RGB color **142, 252, 117** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **227, 117, 252**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **201, 255, 172**, and **82, 195, 63** is the 20% darker color. If you saturate the color by 10%, you get **121, 252, 92**, and if you desaturate by 10%, it is **163, 252, 142**.

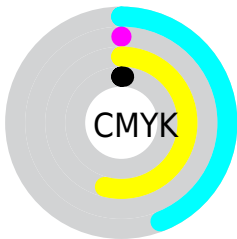
Distribution



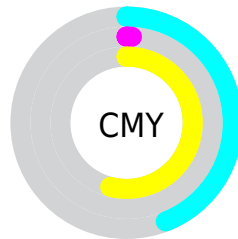
- Red (56%)
- Green (99%)
- Blue (46%)



- Red (46%)
- Yellow (99%)
- Blue (89%)



- Cyan (44%)
- Magenta (0%)
- Yellow (54%)
- Black (1%)



- Cyan (44%)
- Magenta (1%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RGB color 142, 252, 117 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 142, 252, 117 by changing the saturation by 10% instead.

 142, 252, 117

255, 255, 255

 201, 255, 172

 231, 255, 200


 255, 255, 229


 142, 252, 117

 113, 223, 90

 82, 195, 63

 49, 167, 35

 0, 140, 0

 0, 113, 0

 0, 88, 0

 0, 63, 0

 0, 40, 0

 0, 1, 0

■ 142, 252, 117

■ 142, 252, 117

■ 121, 252, 92

■ 163, 252, 142

■ 101, 252, 67

■ 183, 252, 167

■ 80, 252, 41

■ 204, 252, 193

■ 60, 252, 16

■ 224, 252, 218

■ 47, 252, 0

■ 245, 252, 243

■ 255, 252, 255

Harmonies

Analogous

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



229, 235, 69



142, 252, 117



0, 255, 188

Triad

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



142, 252, 117



0, 245, 255



255, 159, 190

Complementary

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



142, 252, 117



227, 117, 252

Split Complementary

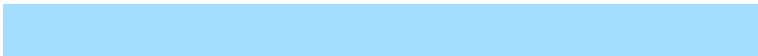
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 163, 255



142, 252, 117



163, 221, 255

Square

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



142, 252, 117



0, 255, 255



255, 190, 255



255, 181, 122

Rectangle

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



142, 252, 117



0, 255, 240



255, 190, 255



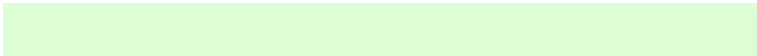
255, 157, 215

Sweetspot

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



142, 252, 117



222, 255, 214



252, 225, 117



108, 128, 103



0, 0, 0



128, 128, 128

Same Dimension

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



142, 252, 117



122, 255, 92



117, 252, 158



115, 125, 112



35, 189, 0



11, 61, 0

Inverse Universe

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



227, 117, 252



225, 92, 255



252, 117, 212



123, 112, 125



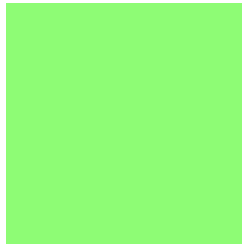
154, 0, 189



50, 0, 61

Previews

White Background



This preview shows how the RGB color 142, 252, 117 looks on a white background.

Color Contrast Check

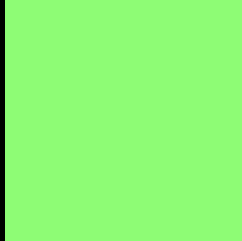
Large Text (above 18pt) WCAG AA × Fail

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 142, 252, 117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

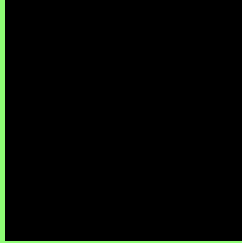
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

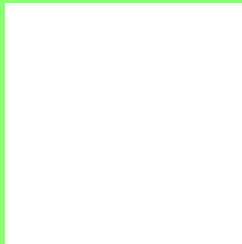
Any Text WCAG AAA ✓ Pass

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

RGB 142, 252, 117 Background



This preview shows how black text looks on a background with the RGB color 142, 252, 117.

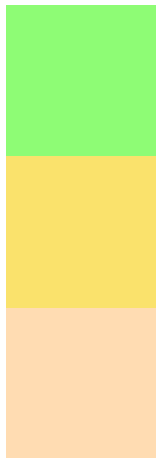


This preview shows how white text looks on a background with the RGB color 142, 252, 117.

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
142, 252, 117

Protanopia
250, 226, 108

Deuteranopia
255, 220, 178



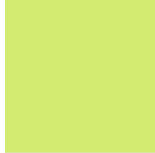
Tritanopia
171, 237, 255

Trichromacy



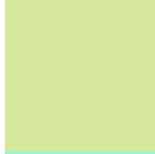
Original Color

142, 252, 117



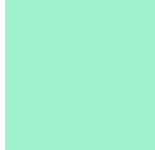
Protanomaly

211, 235, 111



Deuteranomaly

214, 232, 156



Tritanomaly

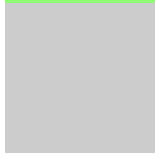
160, 242, 205

Monochromacy



Original Color

142, 252, 117



Achromatopsia

204, 204, 204



Achromatomaly

181, 221, 172

CSS Examples

Text

The CSS property to change the color of the text to RGB 142, 252, 117 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(142, 252, 117)` looks like.

```
.text, #text, p{  
    color:rgb(142, 252, 117)  
}
```

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(142, 252, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 252, 117) }
```

Border

The CSS property to change the border of an element to RGB 142, 252, 117 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(142, 252, 117) }
```

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

```
.border{ border-color:rgb(142, 252, 117) }
```

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

Here you see how a box with a 4 pixel rgb(142, 252, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 252, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 252, 117);  
box-shadow:4px 4px 4px 4px rgb(142, 252,  
117) }
```

Background

The CSS property to change the background color of an element to RGB 142, 252, 117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 252, 117) }
```

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

```
.background{ background-color: rgb(142,  
252, 117) }
```

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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