

Converting Colors

RGB(122, 255, 145)

Have a look what the booklet for
RGB(122, 255, 145) contains.

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Color

RGB(122, 255, 145)

Conversions

Conversions Part 1

Format	Color
Hex	7AFF91
RGB	122, 255, 145
RGB Percent	48%, 100%, 57%
CMY	0.5216, 0.0000, 0.4314
CMYK	0.52, 0.00, 0.43, 0.00
HSL	130°, 100%, 74%
HSV	130°, 52%, 100%
XYZ	48.8969, 77.7019, 39.2089
YIQ	202.6930, -43.9580, -62.4060

Conversions

Conversions Part 2

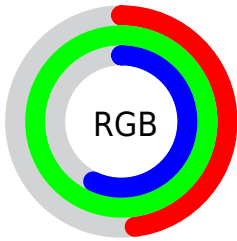
Format	Color
RYB	122, 235, 255
Decimal	8060817
CIELab	90.64, -59.03, 41.58
CIELCh	91, 72.207, 144.842
Yxy	77.7019, 0.2949, 0.4686
Android (android.graphics.Color)	4286250897 (0xFF7AFF91)
YUV	202.6930, -28.4426, -70.7678
Hunter-Lab	88.1487, -55.2446, 35.3316

Details

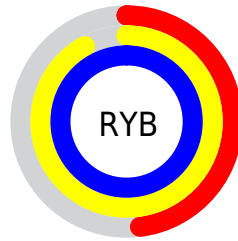
The RGB color **122, 255, 145** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **255, 122, 232**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **182, 255, 200**, and **57, 197, 93** is the 20% darker color. If you saturate the color by 10%, you get **97, 255, 124**, and if you desaturate by 10%, it is **148, 255, 166**.

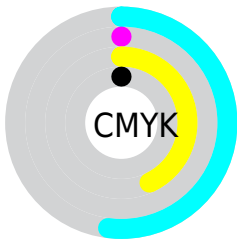
Distribution



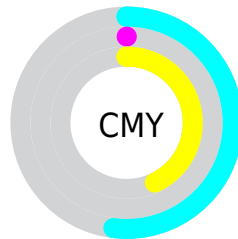
- Red (48%)
- Green (100%)
- Blue (57%)



- Red (48%)
- Yellow (92%)
- Blue (100%)



- Cyan (52%)
- Magenta (0%)
- Yellow (43%)
- Black (0%)



- Cyan (52%)
- Magenta (0%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RGB color 122, 255, 145 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 122, 255, 145 by changing the saturation by 10% instead.

 122, 255, 145

255, 255, 255


 182, 255, 200


 212, 255, 229


 242, 255, 255


 122, 255, 145

 91, 226, 118

 57, 197, 93

 0, 169, 67

 0, 142, 42

 0, 115, 14

 0, 90, 0

 0, 64, 0

 0, 42, 0

 0, 4, 0

■ 122, 255, 145

■ 122, 255, 145

■ 97, 255, 124

■ 148, 255, 166

■ 71, 255, 103

■ 173, 255, 187

■ 46, 255, 82

■ 199, 255, 208

■ 20, 255, 61

■ 224, 255, 229

■ 0, 255, 44

■ 250, 255, 250

255, 255, 255

Harmonies

Analogous

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



210, 242, 95



122, 255, 145



0, 255, 214

Triad

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



122, 255, 145



0, 239, 255



255, 172, 174

Complementary

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



122, 255, 145



255, 122, 232

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, 168, 243



122, 255, 145



211, 215, 255

Square

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



122, 255, 145



0, 255, 255



255, 187, 255



255, 194, 116

Rectangle

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



122, 255, 145



0, 255, 255



255, 187, 255



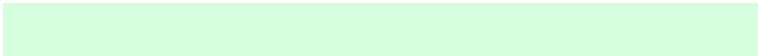
255, 168, 196

Sweetspot

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



122, 255, 145



214, 255, 221



233, 255, 122



103, 128, 107



0, 0, 0



128, 128, 128

Same Dimension

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



122, 255, 145



94, 255, 122



122, 255, 211



115, 128, 117



0, 191, 33



0, 64, 11

Inverse Universe

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



255, 122, 232



255, 94, 227



255, 122, 166



128, 115, 125



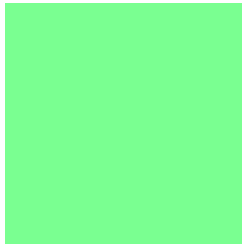
191, 0, 158



64, 0, 53

Previews

White Background



This preview shows how the RGB color 122, 255, 145 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 122, 255, 145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

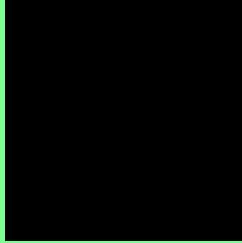
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

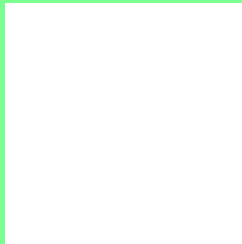
Any Text WCAG AAA ✓ Pass

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

RGB 122, 255, 145 Background



This preview shows how black text looks on a background with the RGB color 122, 255, 145.

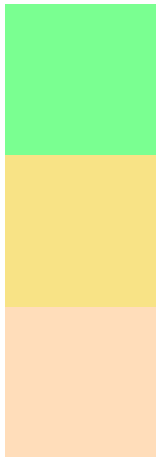


This preview shows how white text looks on a background with the RGB color 122, 255, 145.

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
122, 255, 145

Protanopia
248, 227, 134

Deuteranopia
255, 221, 186



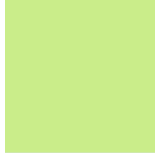
Tritanopia
167, 239, 255

Trichromacy



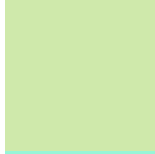
Original Color

122, 255, 145



Protanomaly

202, 237, 138



Deuteranomaly

207, 233, 171



Tritanomaly

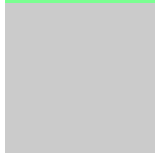
151, 245, 215

Monochromacy



Original Color

122, 255, 145



Achromatopsia

203, 203, 203



Achromatomaly

174, 222, 182

CSS Examples

Text

The CSS property to change the color of the text to RGB 122, 255, 145 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(122, 255, 145)` looks like.

```
.text, #text, p{  
    color:rgb(122, 255, 145)  
}
```

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(122, 255, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 255, 145) }
```

Border

The CSS property to change the border of an element to RGB 122, 255, 145 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(122, 255, 145) }
```

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

```
.border{ border-color:rgb(122, 255, 145) }
```

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

Here you see how a box with a 4 pixel rgb(122, 255, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 255, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 255, 145);  
box-shadow:4px 4px 4px 4px rgb(122, 255,  
145) }
```

Background

The CSS property to change the background color of an element to RGB 122, 255, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 255, 145) }
```

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

```
.background{ background-color: rgb(122,  
255, 145) }
```

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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