

Converting Colors

RGB(122, 250, 167)

Have a look what the booklet for
RGB(122, 250, 167) contains.

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Color

RGB(122, 250, 167)

Conversions

Conversions Part 1

Format	Color
Hex	7AFAA7
RGB	122, 250, 167
RGB Percent	48%, 98%, 65%
CMY	0.5216, 0.0196, 0.3451
CMYK	0.51, 0.00, 0.33, 0.02
HSL	141°, 93%, 73%
HSV	141°, 51%, 98%
XYZ	49.1867, 75.2988, 48.5009
YIQ	202.2660, -49.6450, -52.9490

Conversions

Conversions Part 2

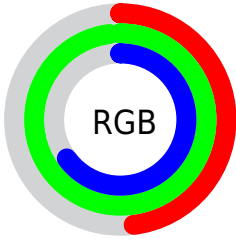
Format	Color
RYB	122, 217, 250
Decimal	8059559
CIELab	89.53, -53.46, 29.21
CIELCh	90, 60.916, 151.346
Yxy	75.2988, 0.2843, 0.4353
Android (android.graphics.Color)	4286249639 (0xFF7AFAA7)
YUV	202.2660, -17.3861, -70.3933
Hunter-Lab	86.7749, -50.6767, 27.6036

Details

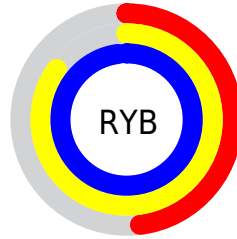
The RGB color **122, 250, 167** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **250, 122, 205**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **181, 255, 223**, and **59, 193, 114** is the 20% darker color. If you saturate the color by 10%, you get **97, 250, 151**, and if you desaturate by 10%, it is **147, 250, 183**.

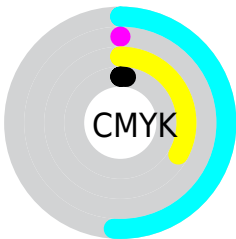
Distribution



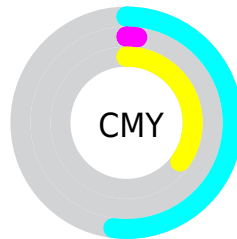
- Red (48%)
- Green (98%)
- Blue (65%)



- Red (48%)
- Yellow (85%)
- Blue (98%)



- Cyan (51%)
- Magenta (0%)
- Yellow (33%)
- Black (2%)



- Cyan (52%)
- Magenta (2%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 122, 250, 167 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, 250, 167 by changing the saturation by 10% instead.

 122, 250, 167

255, 255, 255


 181, 255, 223


 211, 255, 251


 241, 255, 255


 122, 250, 167


 92, 221, 140

 59, 193, 114

 7, 165, 89

 0, 138, 65

 0, 111, 42

 0, 86, 18

 0, 61, 0

 0, 39, 0

 0, 0, 0

 122, 250, 167

 122, 250, 167

 97, 250, 151

 147, 250, 183

 72, 250, 135

 172, 250, 199

 47, 250, 118

 197, 250, 216

 22, 250, 102

 222, 250, 232

 0, 250, 88

 247, 250, 248

 255, 250, 255

Harmonies

Analogous

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



197, 239, 122



122, 250, 167



0, 255, 226

Triad

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



122, 250, 167



127, 230, 255



255, 183, 168

Complementary

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



122, 250, 167



250, 122, 205

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, 176, 225



122, 250, 167



233, 209, 255

Square

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



122, 250, 167



0, 246, 255



255, 187, 255



255, 202, 123

Rectangle

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



122, 250, 167



0, 254, 255



255, 187, 255



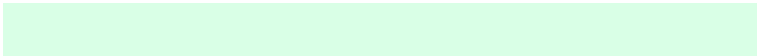
255, 179, 186

Sweetspot

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



122, 250, 167



217, 255, 230



205, 250, 122



105, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

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



122, 250, 167



99, 255, 154



122, 250, 231



112, 125, 117



0, 189, 66



0, 61, 22

Inverse Universe

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



250, 122, 205



255, 99, 200



250, 122, 141



125, 112, 121



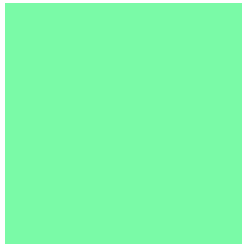
189, 0, 122



61, 0, 40

Previews

White Background



This preview shows how the RGB color 122, 250, 167 looks on a white background.

Color Contrast Check

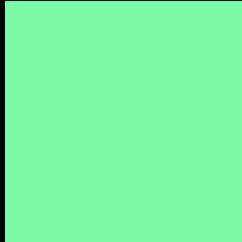
Large Text (above 18pt) WCAG AA × Fail

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, 250, 167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

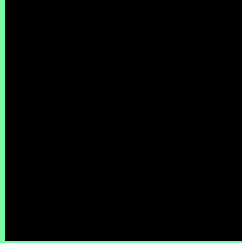
Any Text WCAG AA ✓ Pass

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, 250, 167 Background



This preview shows how black text looks on a background with the RGB color 122, 250, 167.



This preview shows how white text looks on a background with the RGB color 122, 250, 167.

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, 250, 167

Protanopia
241, 223, 156

Deuteranopia
255, 216, 185



Tritanopia
155, 237, 255

Trichromacy



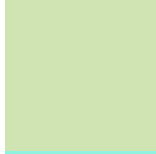
Original Color

122, 250, 167



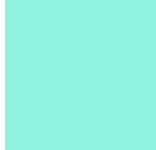
Protanomaly

198, 233, 160



Deuteranomaly

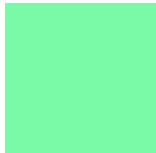
207, 228, 178



Tritanomaly

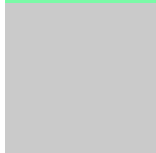
143, 242, 223

Monochromacy



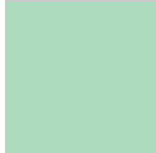
Original Color

122, 250, 167



Achromatopsia

202, 202, 202



Achromatomaly

173, 219, 189

CSS Examples

Text

The CSS property to change the color of the text to RGB 122, 250, 167 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, 250, 167)` looks like.

```
.text, #text, p{  
    color:rgb(122, 250, 167)  
}
```

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, 250, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 250, 167) }
```

Border

The CSS property to change the border of an element to RGB 122, 250, 167 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, 250, 167) }
```

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

```
.border{ border-color:rgb(122, 250, 167) }
```

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

Here you see how a box with a 4 pixel rgb(122, 250, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 250, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 250, 167);  
box-shadow:4px 4px 4px 4px rgb(122, 250,  
167) }
```

Background

The CSS property to change the background color of an element to RGB 122, 250, 167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 250, 167) }
```

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

```
.background{ background-color: rgb(122,  
250, 167) }
```

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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