

Converting Colors

RGB(134, 240, 132)

Have a look what the booklet for
RGB(134, 240, 132) contains.

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Color

RGB(134, 240, 132)

Conversions

Conversions Part 1

Format	Color
Hex	86F084
RGB	134, 240, 132
RGB Percent	53%, 94%, 52%
CMY	0.4745, 0.0588, 0.4824
CMYK	0.44, 0.00, 0.45, 0.06
HSL	119°, 78%, 73%
HSV	119°, 45%, 94%
XYZ	45.1565, 69.0545, 32.7786
YIQ	195.9940, -28.5080, -56.0600

Conversions

Conversions Part 2

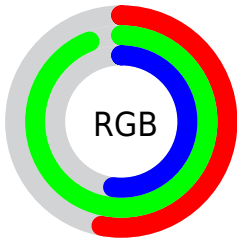
Format	Color
RYB	132, 240, 238
Decimal	8843396
CIELab	86.53, -51.79, 42.74
CIELCh	87, 67.150, 140.474
Yxy	69.0545, 0.3072, 0.4698
Android (android.graphics.Color)	4287033476 (0xFF86F084)
YUV	195.9940, -31.5490, -54.3687
Hunter-Lab	83.0990, -48.4254, 34.7822

Details

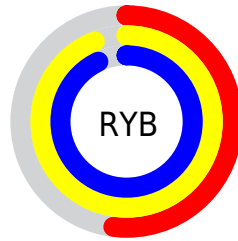
The RGB color **134, 240, 132** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **238, 132, 240**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **192, 255, 186**, and **75, 183, 80** is the 20% darker color. If you saturate the color by 10%, you get **110, 240, 108**, and if you desaturate by 10%, it is **158, 240, 156**.

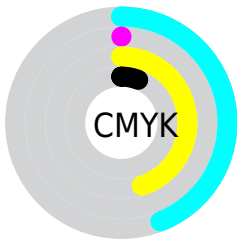
Distribution



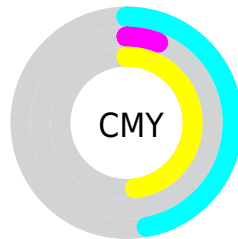
- Red (53%)
- Green (94%)
- Blue (52%)



- Red (52%)
- Yellow (94%)
- Blue (93%)



- Cyan (44%)
- Magenta (0%)
- Yellow (45%)
- Black (6%)



- Cyan (47%)
- Magenta (6%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RGB color 134, 240, 132 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 134, 240, 132 by changing the saturation by 10% instead.

 134, 240, 132

255, 255, 255

 192, 255, 186

 221, 255, 215


 251, 255, 244

 134, 240, 132

 105, 211, 106

 75, 183, 80

 43, 156, 55

 0, 129, 29

 0, 103, 0

 0, 78, 0

 0, 54, 0

 0, 31, 0

 0, 0, 0


 134, 240, 132

 134, 240, 132

 110, 240, 108

 158, 240, 156

 87, 240, 84

 181, 240, 180

 63, 240, 60

 205, 240, 204

 40, 240, 36

 228, 240, 228

 16, 240, 12

 252, 240, 252

 4, 240, 0

 255, 240, 255

Harmonies

Analogous

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



210, 226, 90



134, 240, 132



0, 247, 193

Triad

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



134, 240, 132



0, 229, 255



255, 163, 176

Complementary

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



134, 240, 132



238, 132, 240

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, 240



134, 240, 132



186, 208, 255

Square

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



134, 240, 132



0, 243, 255



255, 182, 255



255, 182, 120

Rectangle

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



134, 240, 132



0, 248, 238



255, 182, 255



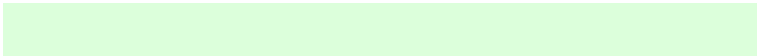
255, 161, 197

Sweetspot

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



134, 240, 132



220, 255, 219



240, 236, 132



106, 128, 106



0, 0, 0



128, 128, 128

Same Dimension

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



134, 240, 132



120, 255, 117



132, 240, 182



108, 120, 108



3, 184, 0



1, 56, 0

Inverse Universe

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



238, 132, 240



252, 117, 255



240, 132, 190



120, 108, 120



180, 0, 184



55, 0, 56

Previews

White Background



This preview shows how the RGB color 134, 240, 132 looks on a white background.

Color Contrast Check

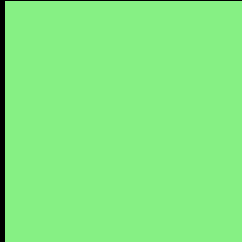
Large Text (above 18pt) WCAG AA × Fail

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 134, 240, 132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

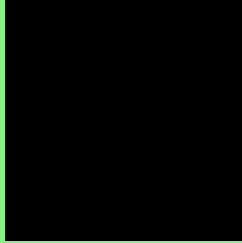
Any Text WCAG AA ✓ Pass

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 134, 240, 132 Background



This preview shows how black text looks on a background with the RGB color 134, 240, 132.

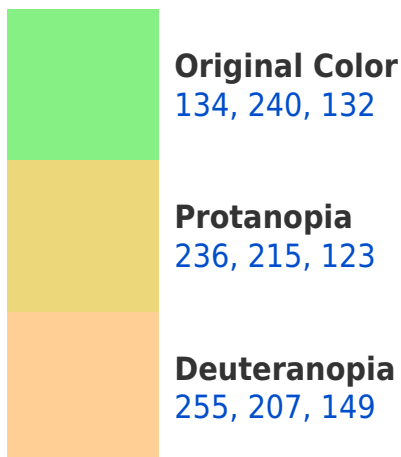


This preview shows how white text looks on a background with the RGB color 134, 240, 132.

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
157, 227, 245

Trichromacy



Original Color

134, 240, 132



Protanomaly

199, 224, 126



Deuteranomaly

211, 219, 143



Tritanomaly

149, 232, 204

Monochromacy



Original Color

134, 240, 132



Achromatopsia

196, 196, 196



Achromatomaly

173, 212, 173

CSS Examples

Text

The CSS property to change the color of the text to RGB 134, 240, 132 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(134, 240, 132)` looks like.

```
.text, #text, p{  
    color:rgb(134, 240, 132)  
}
```

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(134, 240, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 240, 132) }
```

Border

The CSS property to change the border of an element to RGB 134, 240, 132 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(134, 240, 132) }
```

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

```
.border{ border-color:rgb(134, 240, 132) }
```

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

Here you see how a box with a 4 pixel rgb(134, 240, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 240, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 240, 132);  
box-shadow:4px 4px 4px 4px rgb(134, 240,  
132) }
```

Background

The CSS property to change the background color of an element to RGB 134, 240, 132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 240, 132) }
```

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

```
.background{ background-color: rgb(134,  
240, 132) }
```

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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