

Converting Colors

RGB(84, 255, 163)

Have a look what the booklet for
RGB(84, 255, 163) contains.

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Color

RGB(84, 255, 163)

Conversions

Conversions Part 1

Format	Color
Hex	54FFA3
RGB	84, 255, 163
RGB Percent	33%, 100%, 64%
CMY	0.6706, 0.0000, 0.3608
CMYK	0.67, 0.00, 0.36, 0.00
HSL	148°, 100%, 66%
HSV	148°, 67%, 100%
XYZ	46.0270, 76.0492, 46.9034
YIQ	193.3830, -72.3840, -64.8640

Conversions

Conversions Part 2

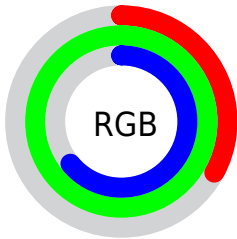
Format	Color
RYB	84, 201, 255
Decimal	5570467
CIELab	89.88, -63.75, 31.51
CIELCh	90, 71.110, 153.698
Yxy	76.0492, 0.2724, 0.4500
Android (android.graphics.Color)	4283760547 (0xFF54FFA3)
YUV	193.3830, -14.9788, -95.9289
Hunter-Lab	87.2062, -58.3993, 29.1555

Details

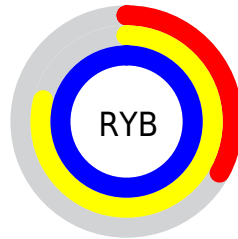
The RGB color **84, 255, 163** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **255, 84, 176**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **151, 255, 218**, and **0, 197, 110** is the 20% darker color. If you saturate the color by 10%, you get **58, 255, 149**, and if you desaturate by 10%, it is **109, 255, 177**.

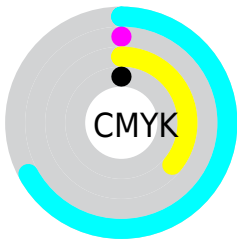
Distribution



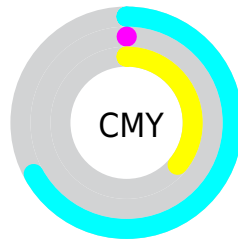
- Red (33%)
- Green (100%)
- Blue (64%)



- Red (33%)
- Yellow (79%)
- Blue (100%)



- Cyan (67%)
- Magenta (0%)
- Yellow (36%)
- Black (0%)



















- Cyan (67%)
- Magenta (0%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 84, 255, 163 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 84, 255, 163 by changing the saturation by 10% instead.

 84, 255, 163	 84, 255, 163
 255, 255, 255	 40, 226, 136
 151, 255, 218	 0, 197, 110
 182, 255, 247	 0, 169, 85
 213, 255, 255	 0, 141, 61
 244, 255, 255	 0, 115, 37
	 0, 89, 13
	 0, 63, 0
	 0, 40, 0
	 0, 0, 0

■ 84, 255, 163

■ 84, 255, 163

■ 58, 255, 149

■ 109, 255, 177

■ 33, 255, 136

■ 135, 255, 190

■ 8, 255, 122

■ 161, 255, 204

■ 0, 255, 118

■ 186, 255, 218

■ 211, 255, 232

■ 237, 255, 245

255, 255, 255

Harmonies

Analogous

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



186, 244, 107



84, 255, 163



0, 255, 233

Triad

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



84, 255, 163



104, 231, 255



255, 176, 154

Complementary

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



84, 255, 163



255, 84, 176

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, 165, 220



84, 255, 163



241, 205, 255

Square

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



84, 255, 163



0, 249, 255



255, 178, 255



255, 200, 103

Rectangle

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



84, 255, 163



0, 255, 255



255, 178, 255



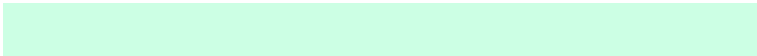
255, 170, 175

Sweetspot

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



84, 255, 163



204, 255, 228



178, 255, 84



97, 128, 111



0, 0, 0



128, 128, 128

Same Dimension

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



84, 255, 163



51, 255, 145



84, 255, 246



115, 128, 121



0, 191, 88



0, 64, 29

Inverse Universe

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



255, 84, 176



255, 51, 161



255, 84, 93



128, 115, 122



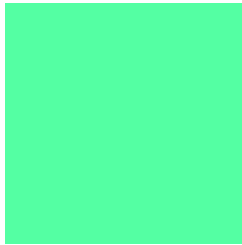
191, 0, 103



64, 0, 34

Previews

White Background



This preview shows how the RGB color 84, 255, 163 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 84, 255, 163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

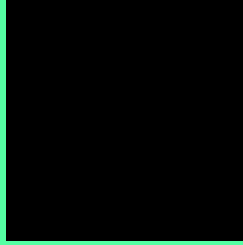
Any Text WCAG AA ✓ Pass

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 84, 255, 163 Background



This preview shows how black text looks on a background with the RGB color 84, 255, 163.

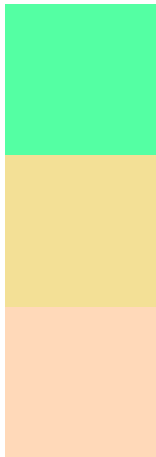


This preview shows how white text looks on a background with the RGB color 84, 255, 163.

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
84, 255, 163

Protanopia
243, 224, 150

Deuteranopia
255, 217, 185



Tritanopia
149, 239, 255

Trichromacy



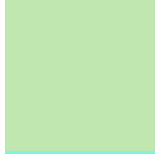
Original Color

84, 255, 163



Protanomaly

185, 235, 155



Deuteranomaly

193, 231, 177



Tritanomaly

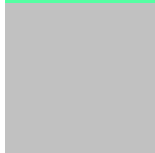
125, 245, 222

Monochromacy



Original Color

84, 255, 163



Achromatopsia

193, 193, 193



Achromatomaly

153, 216, 182

CSS Examples

Text

The CSS property to change the color of the text to RGB 84, 255, 163 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(84, 255, 163)` looks like.

```
.text, #text, p{  
    color:rgb(84, 255, 163)  
}
```

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(84, 255, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 255, 163) }
```

Border

The CSS property to change the border of an element to RGB 84, 255, 163 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(84, 255, 163) }
```

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

```
.border{ border-color:rgb(84, 255, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 255, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 255, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 255, 163);  
box-shadow:4px 4px 4px 4px rgb(84, 255,  
163) }
```

Background

The CSS property to change the background color of an element to RGB 84, 255, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 255, 163) }
```

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

```
.background{ background-color: rgb(84, 255,  
163) }
```

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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