

Converting Colors

RGB(141, 233, 83)

Have a look what the booklet for
RGB(141, 233, 83) contains.

RGB(141, 233, 83)	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(141, 233, 83)

Conversions

Conversions Part 1

Format	Color
Hex	8DE953
RGB	141, 233, 83
RGB Percent	55%, 91%, 33%
CMY	0.4471, 0.0863, 0.6745
CMYK	0.39, 0.00, 0.64, 0.09
HSL	97°, 77%, 62%
HSV	97°, 64%, 91%
XYZ	41.6848, 64.5651, 18.4489
YIQ	188.3920, -6.6820, -66.1540

Conversions

Conversions Part 2

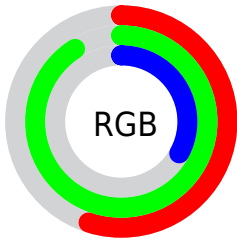
Format	Color
RYB	83, 233, 175
Decimal	9300307
CIELab	84.26, -52.27, 62.19
CIELCh	84, 81.238, 130.046
Yxy	64.5651, 0.3343, 0.5178
Android (android.graphics.Color)	4287490387 (0xFF8DE953)
YUV	188.3920, -51.9583, -41.5628
Hunter-Lab	80.3524, -48.0155, 42.6337

Details

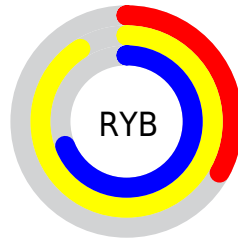
The RGB color **141, 233, 83** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **175, 83, 233**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **200, 255, 138**, and **82, 177, 20** is the 20% darker color. If you saturate the color by 10%, you get **127, 233, 60**, and if you desaturate by 10%, it is **155, 233, 106**.

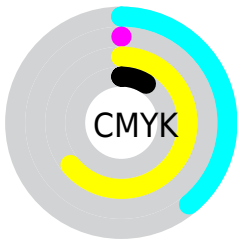
Distribution



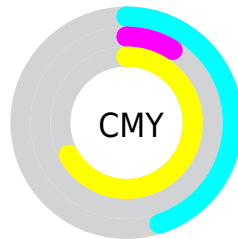
- Red (55%)
- Green (91%)
- Blue (33%)



- Red (33%)
- Yellow (91%)
- Blue (69%)



- Cyan (39%)
- Magenta (0%)
- Yellow (64%)
- Black (9%)





















- Cyan (45%)
- Magenta (9%)
- Yellow (67%)


Brightness & Saturation Gradients

These gradients show how the RGB color 141, 233, 83 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 141, 233, 83 by changing the saturation by 10% instead.

 141, 233, 83	 141, 233, 83
 255, 255, 255	 112, 204, 54
 200, 255, 138	 82, 177, 20
 229, 255, 166	 50, 149, 0
 255, 255, 195	 0, 123, 0
 255, 255, 224	 0, 97, 0
 255, 255, 253	 0, 72, 0
	 0, 49, 0
	 0, 23, 0
	 0, 0, 0

 141, 233, 83

 141, 233, 83

 127, 233, 60


 155, 233, 106

 112, 233, 36

 170, 233, 130

 98, 233, 13

 184, 233, 153

 90, 233, 0

 198, 233, 176

 212, 233, 200

 227, 233, 223

 241, 233, 246

 255, 233, 255

Harmonies

Analogous

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



225, 215, 32



141, 233, 83



0, 243, 155

Triad

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



141, 233, 83



0, 233, 255



255, 135, 188

Complementary

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



141, 233, 83



175, 83, 233

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, 146, 255



141, 233, 83



90, 210, 255

Square

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



141, 233, 83



0, 244, 255



247, 178, 255



255, 156, 115

Rectangle

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



141, 233, 83



0, 246, 208



247, 178, 255



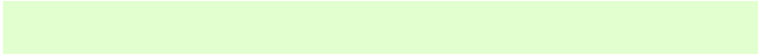
255, 135, 213

Sweetspot

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



141, 233, 83



225, 255, 207



233, 173, 83



110, 128, 98



0, 0, 0



128, 128, 128

Same Dimension

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



141, 233, 83



135, 255, 59



83, 233, 98



110, 117, 106



70, 181, 0



21, 54, 0

Inverse Universe

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



175, 83, 233



179, 59, 255



233, 83, 218



113, 106, 117



111, 0, 181



33, 0, 54

Previews

White Background



This preview shows how the RGB color 141, 233, 83 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 141, 233, 83 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 141, 233, 83 Background



This preview shows how black text looks on a background with the RGB color 141, 233, 83.

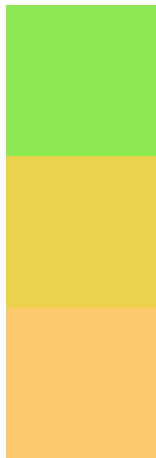


This preview shows how white text looks on a background with the RGB color 141, 233, 83.

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
141, 233, 83

Protanopia
233, 209, 76

Deuteranopia
255, 200, 109



Tritanopia
165, 218, 236

Trichromacy



Original Color

141, 233, 83



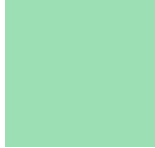
Protanomaly

200, 218, 79



Deuteranomaly

214, 212, 100



Tritanomaly

156, 223, 180

Monochromacy



Original Color

141, 233, 83



Achromatopsia

188, 188, 188



Achromatomaly

171, 204, 150

CSS Examples

Text

The CSS property to change the color of the text to RGB 141, 233, 83 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(141, 233, 83)` looks like.

```
.text, #text, p{  
    color:rgb(141, 233, 83)  
}
```

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(141, 233, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 233, 83) }
```

Border

The CSS property to change the border of an element to RGB 141, 233, 83 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(141, 233, 83) }
```

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

```
.border{ border-color:rgb(141, 233, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 233, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 233, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 233, 83);  
box-shadow:4px 4px 4px 4px rgb(141, 233,  
83) }
```

Background

The CSS property to change the background color of an element to RGB 141, 233, 83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 233, 83) }
```

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

```
.background{ background-color: rgb(141,  
233, 83) }
```

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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