

Converting Colors

RGB(101, 234, 139)

Have a look what the booklet for
RGB(101, 234, 139) contains.

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Color

RGB(101, 234, 139)

Conversions

Conversions Part 1

Format	Color
Hex	65EA8B
RGB	101, 234, 139
RGB Percent	40%, 92%, 55%
CMY	0.6039, 0.0824, 0.4549
CMYK	0.57, 0.00, 0.41, 0.08
HSL	137°, 76%, 66%
HSV	137°, 57%, 92%
XYZ	39.4498, 63.4764, 34.5990
YIQ	183.4030, -48.7730, -57.7410

Conversions

Conversions Part 2

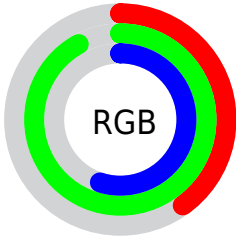
Format	Color
RYB	101, 204, 234
Decimal	6679179
CIELab	83.69, -56.74, 35.40
CIELCh	84, 66.880, 148.037
Yxy	63.4764, 0.2869, 0.4616
Android (android.graphics.Color)	4284869259 (0xFF65EA8B)
YUV	183.4030, -21.8907, -72.2674
Hunter-Lab	79.6721, -51.0414, 30.0227

Details

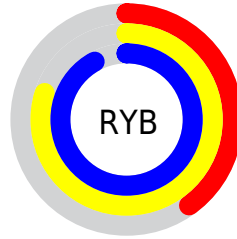
The RGB color **101, 234, 139** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **234, 101, 196**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **161, 255, 193**, and **26, 177, 88** is the 20% darker color. If you saturate the color by 10%, you get **78, 234, 122**, and if you desaturate by 10%, it is **124, 234, 156**.

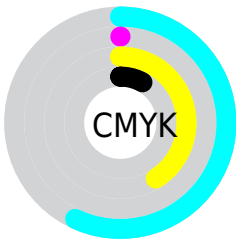
Distribution



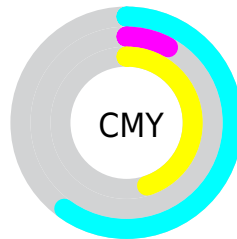
- Red (40%)
- Green (92%)
- Blue (55%)



- Red (40%)
- Yellow (80%)
- Blue (92%)



- Cyan (57%)
- Magenta (0%)
- Yellow (41%)
- Black (8%)




- Cyan (60%)
- Magenta (8%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RGB color 101, 234, 139 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 101, 234, 139 by changing the saturation by 10% instead.

 101, 234, 139


255, 255, 255

 161, 255, 193


 191, 255, 222


 221, 255, 250


 252, 255, 255

 101, 234, 139

 69, 205, 113

 26, 177, 88

 0, 150, 63

 0, 123, 39

 0, 97, 13

 0, 72, 0

 0, 49, 0

 0, 21, 0

 0, 0, 0

■ 101, 234, 139

■ 101, 234, 139

■ 78, 234, 122

■ 124, 234, 156

■ 54, 234, 106

■ 148, 234, 172

■ 31, 234, 89

■ 171, 234, 189

■ 7, 234, 72

■ 195, 234, 206

■ 0, 234, 67

■ 218, 234, 223

■ 241, 234, 239

■ 255, 234, 255

Harmonies

Analogous

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



185, 222, 91



101, 234, 139



0, 239, 202

Triad

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



101, 234, 139



44, 217, 255



255, 159, 153

Complementary

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



101, 234, 139



234, 101, 196

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, 153, 215



101, 234, 139



204, 194, 255

Square

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



101, 234, 139



0, 232, 255



255, 168, 255



255, 180, 102

Rectangle

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



101, 234, 139



0, 240, 246



255, 168, 255



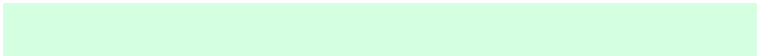
255, 155, 173

Sweetspot

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



101, 234, 139



212, 255, 224



196, 234, 101



102, 128, 109



0, 0, 0



128, 128, 128

Same Dimension

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



101, 234, 139



82, 255, 131



101, 234, 205



106, 117, 109



0, 181, 52



0, 54, 15

Inverse Universe

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



234, 101, 196



255, 82, 205



234, 101, 130



117, 106, 114



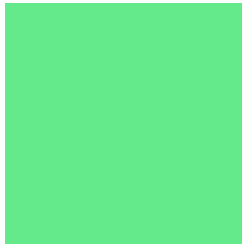
181, 0, 129



54, 0, 38

Previews

White Background



This preview shows how the RGB color 101, 234, 139 looks on a white background.

Color Contrast Check

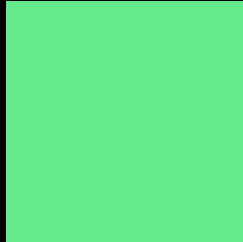
Large Text (above 18pt) WCAG AA × Fail

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 101, 234, 139 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 101, 234, 139 Background



This preview shows how black text looks on a background with the RGB color 101, 234, 139.

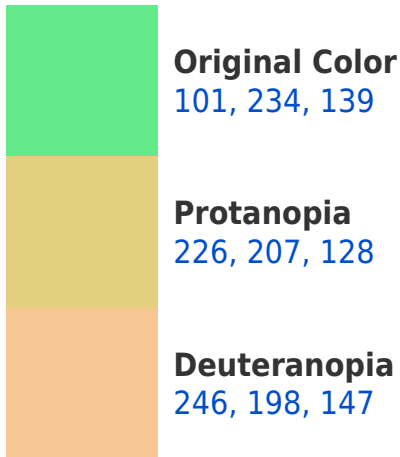


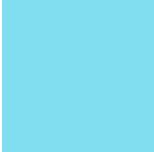
This preview shows how white text looks on a background with the RGB color 101, 234, 139.

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





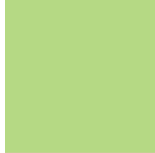
Tritanopia
128, 222, 240

Trichromacy



Original Color

101, 234, 139



Protanomaly

181, 217, 132



Deuteranomaly

193, 211, 144



Tritanomaly

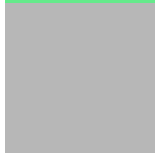
118, 226, 203

Monochromacy



Original Color

101, 234, 139



Achromatopsia

183, 183, 183



Achromatomaly

153, 202, 167

CSS Examples

Text

The CSS property to change the color of the text to RGB 101, 234, 139 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(101, 234, 139)` looks like.

```
.text, #text, p{  
    color:rgb(101, 234, 139)  
}
```

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(101, 234, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 234, 139) }
```

Border

The CSS property to change the border of an element to RGB 101, 234, 139 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(101, 234, 139) }
```

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

```
.border{ border-color:rgb(101, 234, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 234, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 234, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 234, 139);  
box-shadow:4px 4px 4px 4px rgb(101, 234,  
139) }
```

Background

The CSS property to change the background color of an element to RGB 101, 234, 139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 234, 139) }
```

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

```
.background{ background-color: rgb(101,  
234, 139) }
```

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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