

Converting Colors

RGB(135, 230, 101)

Have a look what the booklet for
RGB(135, 230, 101) contains.

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Color

RGB(135, 230, 101)

Conversions

Conversions Part 1

Format	Color
Hex	87E665
RGB	135, 230, 101
RGB Percent	53%, 90%, 40%
CMY	0.4706, 0.0980, 0.6039
CMYK	0.41, 0.00, 0.56, 0.10
HSL	104°, 72%, 65%
HSV	104°, 56%, 90%
XYZ	40.6375, 62.6841, 22.2693
YIQ	186.8890, -15.2110, -60.2590

Conversions

Conversions Part 2

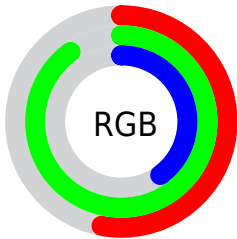
Format	Color
RYB	101, 230, 196
Decimal	8906341
CIELab	83.28, -51.24, 53.33
CIElCh	83, 73.956, 133.855
Yxy	62.6841, 0.3236, 0.4991
Android (android.graphics.Color)	4287096421 (0xFF87E665)
YUV	186.8890, -42.3433, -45.5067
Hunter-Lab	79.1733, -46.9342, 38.7446

Details

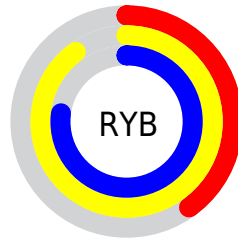
The RGB color **135, 230, 101** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **196, 101, 230**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **193, 255, 155**, and **77, 174, 47** is the 20% darker color. If you saturate the color by 10%, you get **118, 230, 78**, and if you desaturate by 10%, it is **152, 230, 124**.

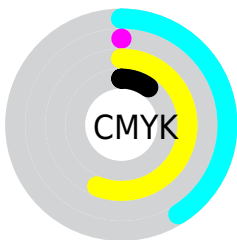
Distribution



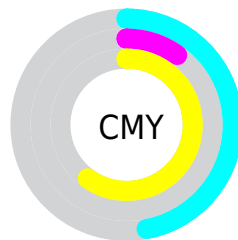
- Red (53%)
- Green (90%)
- Blue (40%)



- Red (40%)
- Yellow (90%)
- Blue (77%)



- Cyan (41%)
- Magenta (0%)
- Yellow (56%)
- Black (10%)



- Cyan (47%)
- Magenta (10%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RGB color 135, 230, 101 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 135, 230, 101 by changing the saturation by 10% instead.

 135, 230, 101

255, 255, 255

 193, 255, 155

 222, 255, 183


 252, 255, 211


 255, 255, 240

 135, 230, 101

 106, 202, 74

 77, 174, 47

 45, 147, 14

 0, 120, 0

 0, 94, 0

 0, 70, 0


 0, 47, 0

 0, 20, 0


 0, 0, 0

 135, 230, 101

 135, 230, 101

 118, 230, 78

 152, 230, 124

 101, 230, 55


 169, 230, 147

 84, 230, 32

 186, 230, 170

 67, 230, 9

 203, 230, 193

 61, 230, 0

 220, 230, 216

 237, 230, 239

 254, 230, 255

 255, 230, 255

Harmonies

Analogous

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



214, 214, 58



135, 230, 101



0, 239, 166

Triad

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



135, 230, 101



0, 226, 255



255, 144, 178

Complementary

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



135, 230, 101



196, 101, 230

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, 149, 248



135, 230, 101



135, 204, 255

Square

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



135, 230, 101



0, 237, 255



253, 175, 255



255, 163, 114

Rectangle

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



135, 230, 101



0, 241, 215



253, 175, 255



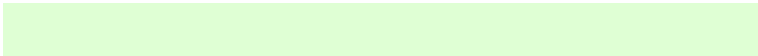
255, 142, 201

Sweetspot

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



135, 230, 101



223, 255, 212



230, 196, 101



109, 128, 102



0, 0, 0



128, 128, 128

Same Dimension

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



135, 230, 101



129, 255, 84



101, 230, 131



106, 115, 103



47, 179, 0



13, 51, 0

Inverse Universe

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



196, 101, 230



210, 84, 255



230, 101, 200



112, 103, 115



131, 0, 179



38, 0, 51

Previews

White Background



This preview shows how the RGB color 135, 230, 101 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 135, 230, 101 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 135, 230, 101 Background



This preview shows how black text looks on a background with the RGB color 135, 230, 101.

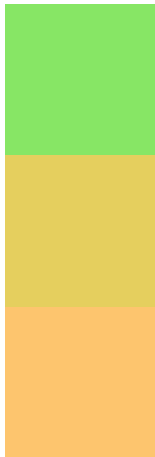


This preview shows how white text looks on a background with the RGB color 135, 230, 101.

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
135, 230, 101

Protanopia
229, 207, 94

Deuteranopia
253, 197, 110



Tritanopia
158, 216, 233

Trichromacy



Original Color

135, 230, 101



Protanomaly

195, 215, 97



Deuteranomaly

210, 209, 107



Tritanomaly

150, 221, 185

Monochromacy



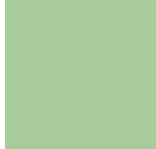
Original Color

135, 230, 101



Achromatopsia

187, 187, 187



Achromatomaly

168, 203, 156

CSS Examples

Text

The CSS property to change the color of the text to RGB 135, 230, 101 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(135, 230, 101)` looks like.

```
.text, #text, p{  
    color:rgb(135, 230, 101)  
}
```

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(135, 230, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 230, 101) }
```

Border

The CSS property to change the border of an element to RGB 135, 230, 101 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(135, 230, 101) }
```

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

```
.border{ border-color:rgb(135, 230, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 230, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 230, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 230, 101);  
box-shadow:4px 4px 4px 4px rgb(135, 230,  
101) }
```

Background

The CSS property to change the background color of an element to RGB 135, 230, 101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 230, 101) }
```

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

```
.background{ background-color: rgb(135,  
230, 101) }
```

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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