

Converting Colors

RGB(131, 237, 116)

Have a look what the booklet for
RGB(131, 237, 116) contains.

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Color

RGB(131, 237, 116)

Conversions

Conversions Part 1

Format	Color
Hex	83ED74
RGB	131, 237, 116
RGB Percent	51%, 93%, 45%
CMY	0.4863, 0.0706, 0.5451
CMYK	0.45, 0.00, 0.51, 0.07
HSL	113°, 77%, 69%
HSV	113°, 51%, 93%
XYZ	42.7966, 66.6546, 27.1330
YIQ	191.5120, -24.3350, -60.1030

Conversions

Conversions Part 2

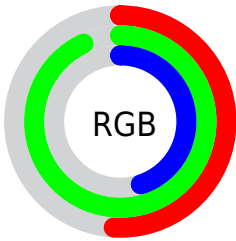
Format	Color
RYB	116, 237, 222
Decimal	8646004
CIELab	85.33, -53.53, 48.85
CIElCh	85, 72.471, 137.620
Yxy	66.6546, 0.3133, 0.4880
Android (android.graphics.Color)	4286836084 (0xFF83ED74)
YUV	191.5120, -37.2274, -53.0690
Hunter-Lab	81.6423, -49.3048, 37.4451

Details

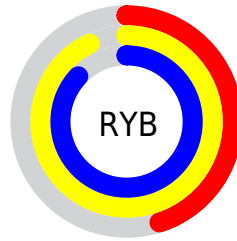
The RGB color **131, 237, 116** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **222, 116, 237**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **189, 255, 170**, and **72, 180, 64** is the 20% darker color. If you saturate the color by 10%, you get **110, 237, 92**, and if you desaturate by 10%, it is **152, 237, 140**.

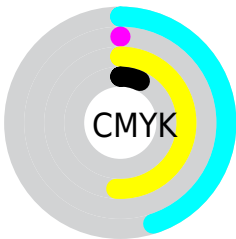
Distribution



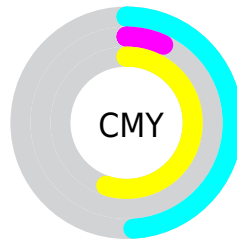
- Red (51%)
- Green (93%)
- Blue (45%)



- Red (45%)
- Yellow (93%)
- Blue (87%)



- Cyan (45%)
- Magenta (0%)
- Yellow (51%)
- Black (7%)



- Cyan (49%)
- Magenta (7%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RGB color 131, 237, 116 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 131, 237, 116 by changing the saturation by 10% instead.

 131, 237, 116

255, 255, 255


 189, 255, 170


 219, 255, 198


 249, 255, 227


 131, 237, 116

 102, 208, 90

 72, 180, 64

 37, 153, 37

 0, 126, 1

 0, 100, 0

 0, 75, 0

 0, 52, 0

 0, 27, 0

 0, 0, 0

■ 131, 237, 116

■ 131, 237, 116

■ 110, 237, 92

■ 152, 237, 140

■ 89, 237, 69

■ 173, 237, 163

■ 69, 237, 45

■ 193, 237, 187

■ 48, 237, 21

■ 214, 237, 211

■ 29, 237, 0

■ 235, 237, 235

■ 255, 237, 255

Harmonies

Analogous

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



211, 222, 71



131, 237, 116



0, 245, 181

Triad

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



131, 237, 116



0, 229, 255



255, 153, 176

Complementary

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



131, 237, 116



222, 116, 237

Split Complementary

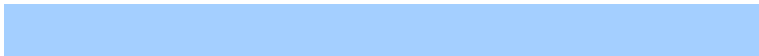
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 155, 245



131, 237, 116



164, 207, 255

Square

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



131, 237, 116



0, 242, 255



255, 178, 255



255, 173, 114

Rectangle

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



131, 237, 116



0, 247, 229



255, 178, 255



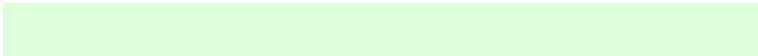
255, 150, 198

Sweetspot

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



131, 237, 116



221, 255, 217



237, 221, 116



107, 128, 105



0, 0, 0



128, 128, 128

Same Dimension

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



131, 237, 116



119, 255, 99



116, 237, 160



107, 117, 106



22, 181, 0



7, 54, 0

Inverse Universe

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



222, 116, 237



236, 99, 255



237, 116, 193



116, 106, 117



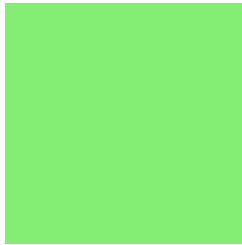
159, 0, 181



47, 0, 54

Previews

White Background



This preview shows how the RGB color 131, 237, 116 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 131, 237, 116 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 131, 237, 116 Background



This preview shows how black text looks on a background with the RGB color 131, 237, 116.

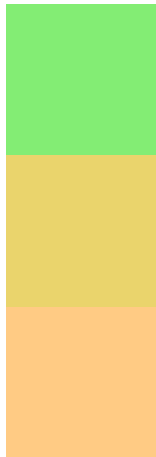


This preview shows how white text looks on a background with the RGB color 131, 237, 116.

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
131, 237, 116

Protanopia
234, 212, 108

Deuteranopia
255, 203, 132



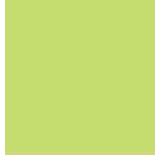
Tritanopia
155, 223, 241

Trichromacy



Original Color

131, 237, 116



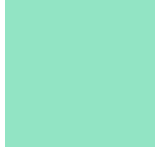
Protanomaly

197, 221, 111



Deuteranomaly

210, 215, 126



Tritanomaly

146, 228, 196

Monochromacy



Original Color

131, 237, 116



Achromatopsia

192, 192, 192



Achromatomaly

170, 208, 164

CSS Examples

Text

The CSS property to change the color of the text to RGB 131, 237, 116 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(131, 237, 116)` looks like.

```
.text, #text, p{  
    color:rgb(131, 237, 116)  
}
```

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(131, 237, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 237, 116) }
```

Border

The CSS property to change the border of an element to RGB 131, 237, 116 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(131, 237, 116) }
```

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

```
.border{ border-color:rgb(131, 237, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 237, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 237, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 237, 116);  
box-shadow:4px 4px 4px 4px rgb(131, 237,  
116) }
```

Background

The CSS property to change the background color of an element to RGB 131, 237, 116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 237, 116) }
```

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

```
.background{ background-color: rgb(131,  
237, 116) }
```

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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