

Converting Colors

RGB(145, 236, 121)

Have a look what the booklet for
RGB(145, 236, 121) contains.

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Color

RGB(145, 236, 121)

Conversions

Conversions Part 1

Format	Color
Hex	91EC79
RGB	145, 236, 121
RGB Percent	57%, 93%, 47%
CMY	0.4314, 0.0745, 0.5255
CMYK	0.39, 0.00, 0.49, 0.07
HSL	107°, 75%, 70%
HSV	107°, 49%, 93%
XYZ	45.1237, 67.3911, 28.7187
YIQ	195.6810, -17.3210, -55.0570

Conversions

Conversions Part 2

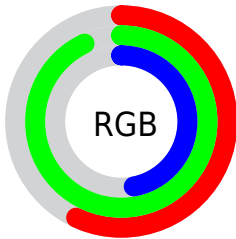
Format	Color
RYB	121, 236, 212
Decimal	9563257
CIELab	85.70, -48.31, 47.08
CIELCh	86, 67.461, 135.737
Yxy	67.3911, 0.3195, 0.4772
Android (android.graphics.Color)	4287753337 (0xFF91EC79)
YUV	195.6810, -36.8177, -44.4472
Hunter-Lab	82.0921, -45.5448, 36.7228

Details

The RGB color **145, 236, 121** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **212, 121, 236**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **203, 255, 175**, and **88, 179, 69** is the 20% darker color. If you saturate the color by 10%, you get **126, 236, 97**, and if you desaturate by 10%, it is **164, 236, 145**.

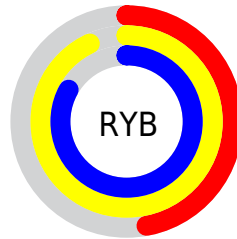
Distribution



Red (57%)

Green (93%)

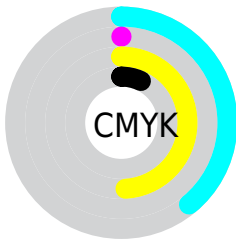
Blue (47%)



Red (47%)

Yellow (93%)

Blue (83%)

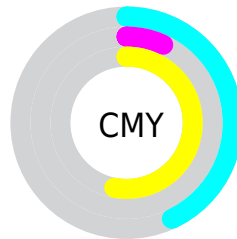


Cyan (39%)

Magenta (0%)

Yellow (49%)

Black (7%)



Cyan (43%)

Magenta (7%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RGB color 145, 236, 121 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 145, 236, 121 by changing the saturation by 10% instead.

 145, 236, 121

255, 255, 255

 203, 255, 175


 232, 255, 203


 255, 255, 232


 145, 236, 121

 117, 207, 95

 88, 179, 69

 59, 152, 43

 23, 126, 12

 0, 100, 0

 0, 75, 0


 0, 51, 0

 0, 28, 0

 0, 0, 0

 145, 236, 121

 145, 236, 121

 126, 236, 97

 164, 236, 145

 108, 236, 74


 182, 236, 168

 89, 236, 50


 201, 236, 192

 70, 236, 27

 220, 236, 215

 52, 236, 3

 238, 236, 239

 49, 236, 0

 255, 236, 255

Harmonies

Analogous

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



218, 221, 83



145, 236, 121



0, 244, 181

Triad

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



145, 236, 121



0, 230, 255



255, 159, 183

Complementary

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



145, 236, 121



212, 121, 236

Split Complementary

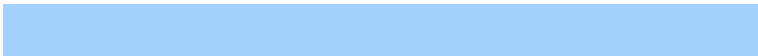
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 162, 247



145, 236, 121



164, 209, 255

Square

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



145, 236, 121



0, 242, 255



255, 184, 255



255, 176, 125

Rectangle

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



145, 236, 121



0, 246, 225



255, 184, 255



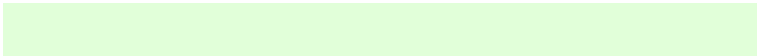
255, 158, 204

Sweetspot

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



145, 236, 121



225, 255, 217



236, 211, 121



109, 128, 105



0, 0, 0



128, 128, 128

Same Dimension

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



145, 236, 121



138, 255, 107



121, 236, 154



108, 117, 106



38, 181, 0



11, 54, 0

Inverse Universe

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



212, 121, 236



224, 107, 255



236, 121, 203



115, 106, 117



143, 0, 181



42, 0, 54

Previews

White Background



This preview shows how the RGB color 145, 236, 121 looks on a white background.

Color Contrast Check

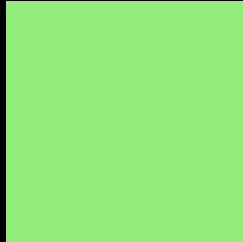
Large Text (above 18pt) WCAG AA × Fail

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 145, 236, 121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

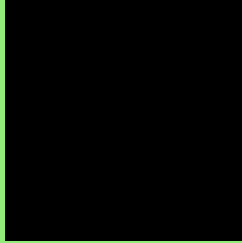
Any Text WCAG AA ✓ Pass

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 145, 236, 121 Background



This preview shows how black text looks on a background with the RGB color 145, 236, 121.

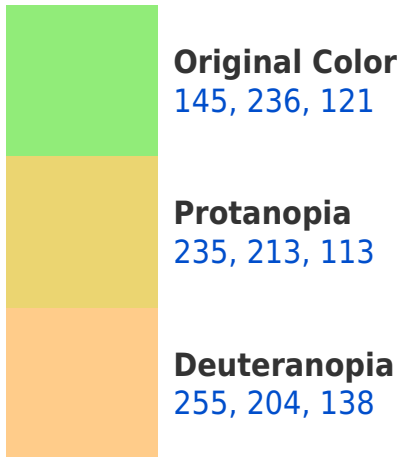


This preview shows how white text looks on a background with the RGB color 145, 236, 121.

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
166, 223, 241

Trichromacy



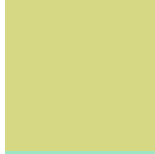
Original Color

145, 236, 121



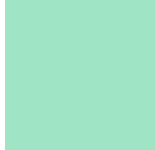
Protanomaly

202, 221, 116



Deuteranomaly

215, 216, 132



Tritanomaly

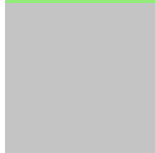
158, 228, 197

Monochromacy



Original Color

145, 236, 121



Achromatopsia

196, 196, 196



Achromatomaly

177, 211, 169

CSS Examples

Text

The CSS property to change the color of the text to RGB 145, 236, 121 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(145, 236, 121)` looks like.

```
.text, #text, p{  
    color:rgb(145, 236, 121)  
}
```

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(145, 236, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 236, 121) }
```

Border

The CSS property to change the border of an element to RGB 145, 236, 121 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(145, 236, 121) }
```

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

```
.border{ border-color:rgb(145, 236, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 236, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(145, 236, 121); -webkit-box-shadow:4px 4px 4px 4px rgb(145, 236, 121); box-shadow:4px 4px 4px 4px rgb(145, 236, 121) }
```

Background

The CSS property to change the background color of an element to RGB 145, 236, 121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 236, 121) }
```

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

```
.background{ background-color: rgb(145,  
236, 121) }
```

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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