

Converting Colors

RGB(219, 235, 120)

Have a look what the booklet for
RGB(219, 235, 120) contains.

RGB(219, 235, 120)	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(219, 235, 120)

Conversions

Conversions Part 1

Format	Color
Hex	DBEB78
RGB	219, 235, 120
RGB Percent	86%, 92%, 47%
CMY	0.1412, 0.0784, 0.5294
CMYK	0.07, 0.00, 0.49, 0.08
HSL	68°, 74%, 70%
HSV	68°, 49%, 92%
XYZ	62.3119, 75.8328, 29.1223
YIQ	217.1060, 27.3790, -39.1570

Conversions

Conversions Part 2

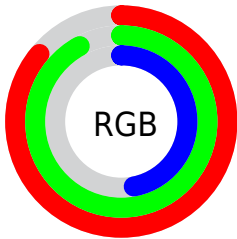
Format	Color
RYB	120, 235, 136
Decimal	14412664
CIELab	89.78, -21.60, 53.52
CIELCh	90, 57.715, 111.975
Yxy	75.8328, 0.3725, 0.4534
Android (android.graphics.Color)	4292602744 (0xFFDBEB78)
YUV	217.1060, -47.8733, 1.6610
Hunter-Lab	87.0820, -24.6671, 41.1294

Details

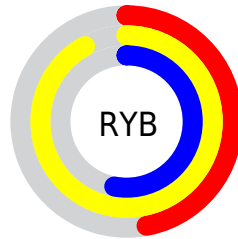
The RGB color **219, 235, 120** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **136, 120, 235**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is **255, 255, 175**, and **162, 179, 67** is the 20% darker color. If you saturate the color by 10%, you get **216, 235, 97**, and if you desaturate by 10%, it is **222, 235, 143**.

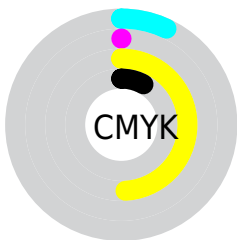
Distribution



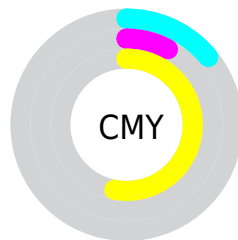
- Red (86%)
- Green (92%)
- Blue (47%)



- Red (47%)
- Yellow (92%)
- Blue (53%)



- Cyan (7%)
- Magenta (0%)
- Yellow (49%)
- Black (8%)



- Cyan (14%)
- Magenta (8%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RGB color 219, 235, 120 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 219, 235, 120 by changing the saturation by 10% instead.

 219, 235, 120

 219, 235, 120

255, 255, 255

 190, 207, 93

 255, 255, 175


 162, 179, 67

 255, 255, 203

 134, 153, 40

 255, 255, 232

 107, 127, 4

 81, 102, 0

 56, 78, 0


 29, 55, 0

 0, 34, 0

 0, 0, 0

 219, 235, 120

 219, 235, 120

 216, 235, 97

 222, 235, 143

 212, 235, 73

 226, 235, 167

 209, 235, 50

 229, 235, 191

 206, 235, 26

 232, 235, 214

 203, 235, 2

 235, 235, 238

 202, 235, 0

 239, 235, 255

 242, 235, 255

 245, 235, 255

 248, 235, 255

Harmonies

Analogous

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



255, 218, 115



219, 235, 120



154, 247, 155

Triad

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



219, 235, 120



0, 248, 255



255, 182, 243

Complementary

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



219, 235, 120



136, 120, 235

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, 196, 255



219, 235, 120



96, 236, 255

Square

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



219, 235, 120



0, 254, 255



207, 217, 255



255, 183, 187

Rectangle

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



219, 235, 120



98, 252, 190



207, 217, 255



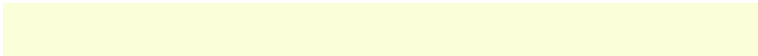
255, 185, 255

Sweetspot

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



219, 235, 120



250, 255, 217



235, 135, 120



124, 128, 105



0, 0, 0



128, 128, 128

Same Dimension

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



219, 235, 120



234, 255, 105



162, 235, 120



116, 117, 106



156, 181, 0



46, 54, 0

Inverse Universe

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



136, 120, 235



125, 105, 255



193, 120, 235



107, 106, 117



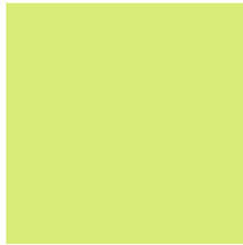
25, 0, 181



7, 0, 54

Previews

White Background



This preview shows how the RGB color 219, 235, 120 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 219, 235, 120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

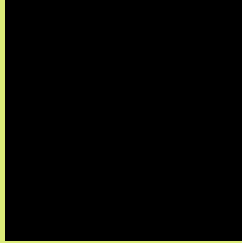
Any Text WCAG AA ✓ Pass

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 219, 235, 120 Background



This preview shows how black text looks on a background with the RGB color 219, 235, 120.

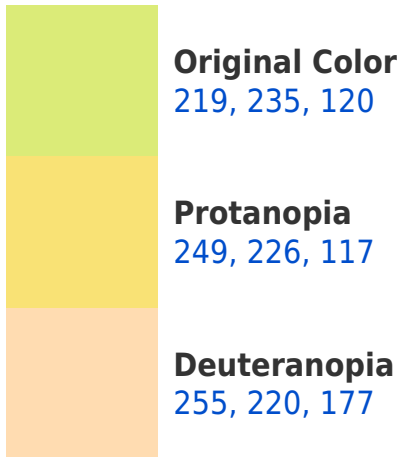


This preview shows how white text looks on a background with the RGB color 219, 235, 120.

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
233, 222, 239

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 219, 235, 120 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(219, 235, 120)` looks like.

```
.text, #text, p{  
    color:rgb(219, 235, 120)  
}
```

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(219, 235, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 235, 120) }
```

Border

The CSS property to change the border of an element to RGB 219, 235, 120 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(219, 235, 120) }
```

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

```
.border{ border-color:rgb(219, 235, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 235, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 235, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 235, 120);  
box-shadow:4px 4px 4px 4px rgb(219, 235,  
120) }
```

Background

The CSS property to change the background color of an element to RGB 219, 235, 120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 235, 120) }
```

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

```
.background{ background-color: rgb(219,  
235, 120) }
```

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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