

Converting Colors

RGB(225, 247, 151)

Have a look what the booklet for
RGB(225, 247, 151) contains.

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Color

RGB(225, 247, 151)

Conversions

Conversions Part 1

Format	Color
Hex	E1F797
RGB	225, 247, 151
RGB Percent	88%, 97%, 59%
CMY	0.1176, 0.0314, 0.4078
CMYK	0.09, 0.00, 0.39, 0.03
HSL	74°, 86%, 78%
HSV	74°, 39%, 97%
XYZ	69.8980, 84.7634, 41.9551
YIQ	229.4780, 17.7040, -34.5200

Conversions

Conversions Part 2

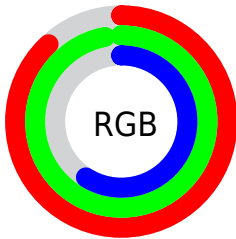
Format	Color
RYB	151, 247, 173
Decimal	14808983
CIELab	93.78, -21.88, 43.74
CIElCh	94, 48.909, 116.575
Yxy	84.7634, 0.3555, 0.4311
Android (android.graphics.Color)	4292999063 (0xFFE1F797)
YUV	229.4780, -38.6897, -3.9272
Hunter-Lab	92.0671, -25.5988, 37.4284

Details

The RGB color **225, 247, 151** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **173, 151, 247**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **255, 255, 206**, and **168, 191, 98** is the 20% darker color. If you saturate the color by 10%, you get **219, 247, 126**, and if you desaturate by 10%, it is **231, 247, 176**.

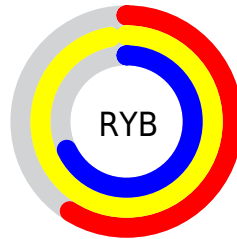
Distribution



Red (88%)

Green (97%)

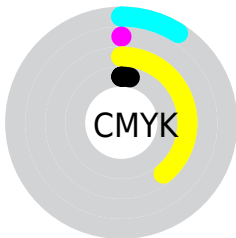
Blue (59%)



Red (59%)

Yellow (97%)

Blue (68%)

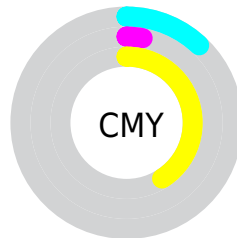


Cyan (9%)

Magenta (0%)

Yellow (39%)

Black (3%)



Cyan (12%)

Magenta (3%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RGB color 225, 247, 151 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 225, 247, 151 by changing the saturation by 10% instead.

 225, 247, 151

255, 255, 255


 255, 255, 206


 255, 255, 235

 225, 247, 151

 196, 218, 124

 168, 191, 98

 141, 164, 73

 114, 137, 48

 88, 112, 21

 63, 87, 0

 39, 64, 0


 12, 42, 0

 0, 22, 0

 225, 247, 151


 225, 247, 151

 219, 247, 126

 231, 247, 176

 214, 247, 102

 236, 247, 200

 208, 247, 77


 242, 247, 225

 202, 247, 52

 248, 247, 250

 197, 247, 27

 253, 247, 255

 191, 247, 3

 255, 247, 255

 190, 247, 0

Harmonies

Analogous

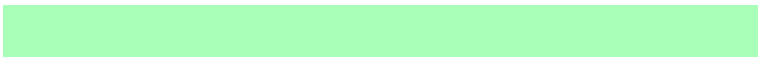
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 232, 142



225, 247, 151



169, 255, 184

Triad

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



225, 247, 151



69, 255, 255



255, 201, 244

Complementary

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



225, 247, 151



173, 151, 247

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, 210, 255



225, 247, 151



158, 243, 255

Square

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



225, 247, 151



25, 255, 255



235, 227, 255



255, 203, 197

Rectangle

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



225, 247, 151



128, 255, 214



235, 227, 255



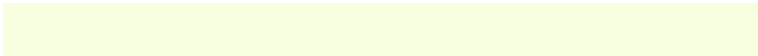
255, 203, 255

Sweetspot

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



225, 247, 151



248, 255, 224



247, 172, 151



123, 128, 110



0, 0, 0



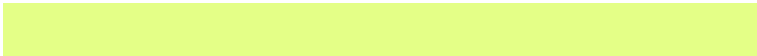
128, 128, 128

Same Dimension

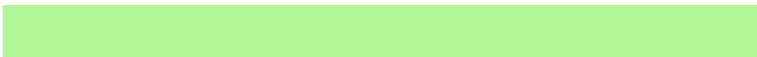
The Same Dimension uses a secret algorithm to generate beautiful new colors.



225, 247, 151



228, 255, 135



178, 247, 151



120, 122, 110



143, 186, 0



45, 59, 0

Inverse Universe

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



173, 151, 247



163, 135, 255



220, 151, 247



113, 110, 122



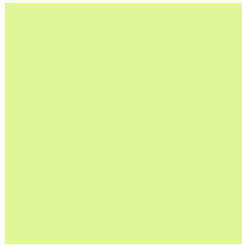
43, 0, 186



13, 0, 59

Previews

White Background



This preview shows how the RGB color 225, 247, 151 looks on a white background.

Color Contrast Check

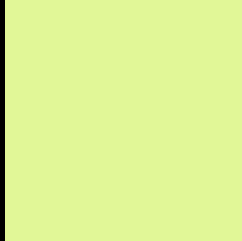
Large Text (above 18pt) WCAG AA × Fail

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 225, 247, 151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

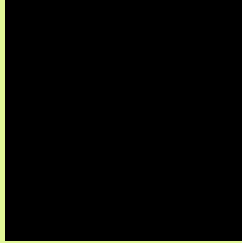
Any Text WCAG AA ✓ Pass

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 225, 247, 151 Background



This preview shows how black text looks on a background with the RGB color 225, 247, 151.

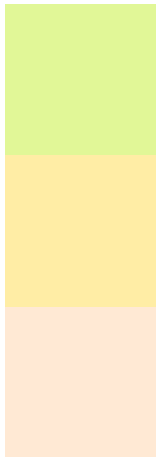


This preview shows how white text looks on a background with the RGB color 225, 247, 151.

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
225, 247, 151

Protanopia
255, 237, 165

Deuteranopia
255, 233, 212



Tritanopia

238, 235, 253

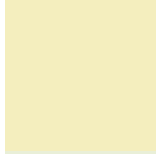
Trichromacy



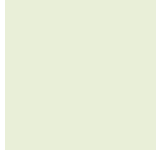
Original Color
225, 247, 151



Protanomaly
244, 241, 160

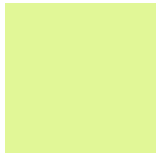


Deuteranomaly
244, 238, 190

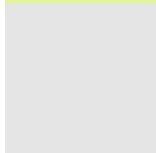


Tritanomaly
233, 239, 216

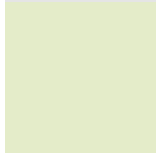
Monochromacy



Original Color
225, 247, 151



Achromatopsia
229, 229, 229



Achromatomaly
228, 236, 201

CSS Examples

Text

The CSS property to change the color of the text to RGB 225, 247, 151 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(225, 247, 151)` looks like.

```
.text, #text, p{  
    color:rgb(225, 247, 151)  
}
```

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(225, 247, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 247, 151) }
```

Border

The CSS property to change the border of an element to RGB 225, 247, 151 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(225, 247, 151) }
```

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

```
.border{ border-color:rgb(225, 247, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 247, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 247, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 247, 151);  
box-shadow:4px 4px 4px 4px rgb(225, 247,  
151) }
```

Background

The CSS property to change the background color of an element to RGB 225, 247, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 247, 151) }
```

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

```
.background{ background-color: rgb(225,  
247, 151) }
```

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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