

Converting Colors

RGB(220, 250, 148)

Have a look what the booklet for
RGB(220, 250, 148) contains.

RGB(220, 250, 148)	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(220, 250, 148)

Conversions

Conversions Part 1

Format	Color
Hex	DCFA94
RGB	220, 250, 148
RGB Percent	86%, 98%, 58%
CMY	0.1373, 0.0196, 0.4196
CMYK	0.12, 0.00, 0.41, 0.02
HSL	78°, 91%, 78%
HSV	78°, 41%, 98%
XYZ	69.0461, 85.7250, 40.9244
YIQ	229.4020, 14.8620, -38.0820

Conversions

Conversions Part 2

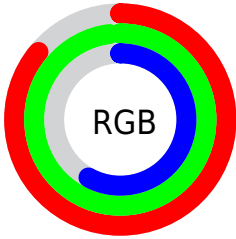
Format	Color
RYB	148, 250, 178
Decimal	14482068
CIELab	94.19, -25.50, 45.66
CIElCh	94, 52.296, 119.188
Yxy	85.7250, 0.3528, 0.4381
Android (android.graphics.Color)	4292672148 (0xFFDCFA94)
YUV	229.4020, -40.1312, -8.2456
Hunter-Lab	92.5878, -28.9146, 38.6049

Details

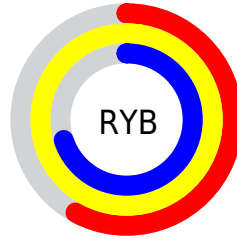
The RGB color **220, 250, 148** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **178, 148, 250**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **255, 255, 203**, and **163, 193, 95** is the 20% darker color. If you saturate the color by 10%, you get **213, 250, 123**, and if you desaturate by 10%, it is **227, 250, 173**.

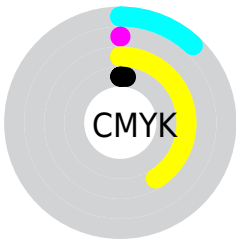
Distribution



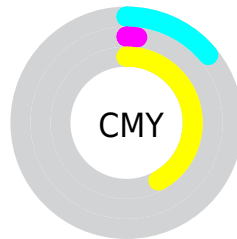
- Red (86%)
- Green (98%)
- Blue (58%)



- Red (58%)
- Yellow (98%)
- Blue (70%)



- Cyan (12%)
- Magenta (0%)
- Yellow (41%)
- Black (2%)



- Cyan (14%)
- Magenta (2%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 220, 250, 148 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 220, 250, 148 by changing the saturation by 10% instead.

 220, 250, 148

255, 255, 255


 255, 255, 203


 255, 255, 232

 220, 250, 148

 191, 221, 121

 163, 193, 95

 136, 166, 70

 109, 140, 44

 83, 114, 16

 58, 90, 0

 33, 66, 0

 4, 43, 0


 0, 23, 0

 220, 250, 148


 220, 250, 148

 213, 250, 123


 227, 250, 173

 205, 250, 98


 235, 250, 198

 198, 250, 73

 242, 250, 223

 191, 250, 48

 249, 250, 248

 183, 250, 23

 255, 250, 255

 176, 250, 0

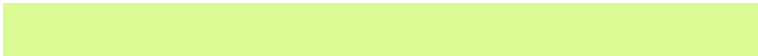
Harmonies

Analogous

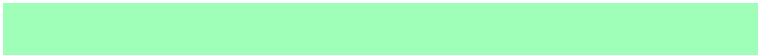
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 235, 136



220, 250, 148



159, 255, 185

Triad

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



220, 250, 148



40, 255, 255



255, 198, 242

Complementary

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



220, 250, 148



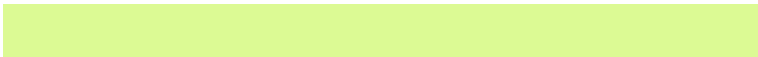
178, 148, 250

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, 208, 255



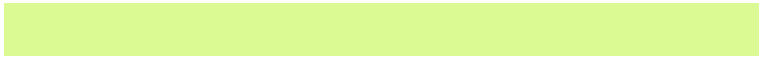
220, 250, 148



159, 244, 255

Square

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



220, 250, 148



0, 255, 255



241, 226, 255



255, 202, 192

Rectangle

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



220, 250, 148



111, 255, 218



241, 226, 255



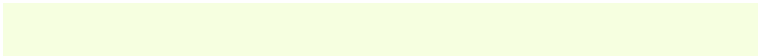
255, 200, 255

Sweetspot

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



220, 250, 148



246, 255, 224



250, 177, 148



122, 128, 110



0, 0, 0



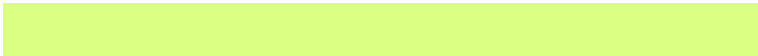
128, 128, 128

Same Dimension

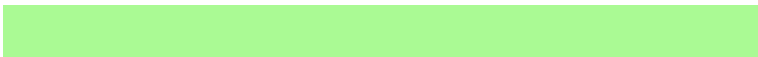
The Same Dimension uses a secret algorithm to generate beautiful new colors.



220, 250, 148



218, 255, 130



170, 250, 148



121, 125, 112



133, 189, 0



43, 61, 0

Inverse Universe

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



178, 148, 250



167, 130, 255



228, 148, 250



116, 112, 125



55, 0, 189



18, 0, 61

Previews

White Background



This preview shows how the RGB color 220, 250, 148 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 220, 250, 148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

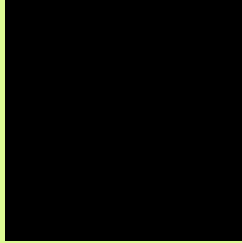
Any Text WCAG AA ✓ Pass

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 220, 250, 148 Background



This preview shows how black text looks on a background with the RGB color 220, 250, 148.


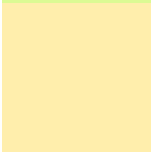
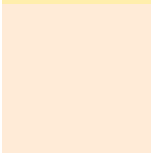


This preview shows how white text looks on a background with the RGB color 220, 250, 148.

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 220, 250, 148
	Protanopia 255, 238, 172
	Deuteranopia 255, 235, 215



Tritanopia

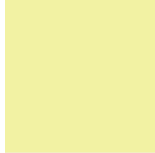
234, 237, 255

Trichromacy



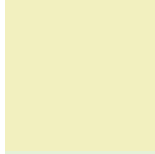
Original Color

220, 250, 148



Protanomaly

242, 242, 163



Deuteranomaly

242, 240, 191



Tritanomaly

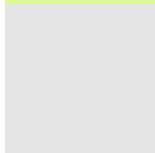
229, 242, 216

Monochromacy



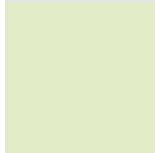
Original Color

220, 250, 148



Achromatopsia

229, 229, 229



Achromatomaly

226, 237, 200

CSS Examples

Text

The CSS property to change the color of the text to RGB 220, 250, 148 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(220, 250, 148)` looks like.

```
.text, #text, p{  
    color:rgb(220, 250, 148)  
}
```

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(220, 250, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 250, 148) }
```

Border

The CSS property to change the border of an element to RGB 220, 250, 148 is called "border". The border property can be set on classes, ids or directly on the HTML element.

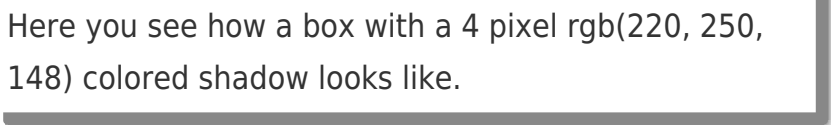
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(220, 250, 148) }
```

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

```
.border{ border-color:rgb(220, 250, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(220, 250, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 250, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 250, 148); box-shadow:4px 4px 4px 4px rgb(220, 250, 148) }
```

Background

The CSS property to change the background color of an element to RGB 220, 250, 148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 250, 148) }
```

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

```
.background{ background-color: rgb(220,  
250, 148) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor