

Converting Colors

RGB(213, 234, 152)

Have a look what the booklet for
RGB(213, 234, 152) contains.

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Color

RGB(213, 234, 152)

Conversions

Conversions Part 1

Format	Color
Hex	D5EA98
RGB	213, 234, 152
RGB Percent	84%, 92%, 60%
CMY	0.1647, 0.0824, 0.4039
CMYK	0.09, 0.00, 0.35, 0.08
HSL	75°, 66%, 76%
HSV	75°, 35%, 92%
XYZ	62.5309, 75.2588, 40.9364
YIQ	218.3730, 13.8060, -29.9540

Conversions

Conversions Part 2

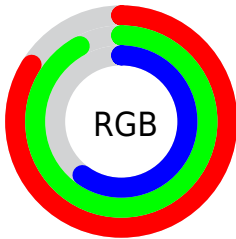
Format	Color
RYB	152, 234, 173
Decimal	14019224
CIELab	89.51, -19.94, 37.57
CIELCh	90, 42.534, 117.951
Yxy	75.2588, 0.3499, 0.4211
Android (android.graphics.Color)	4292209304 (0xFFD5EA98)
YUV	218.3730, -32.7219, -4.7121
Hunter-Lab	86.7518, -23.1525, 32.7485

Details

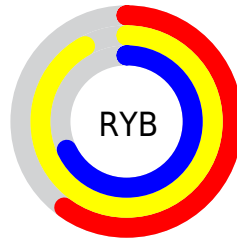
The RGB color **213, 234, 152** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **173, 152, 234**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is **255, 255, 207**, and **157, 178, 100** is the 20% darker color. If you saturate the color by 10%, you get **207, 234, 129**, and if you desaturate by 10%, it is **219, 234, 175**.

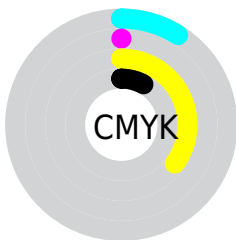
Distribution



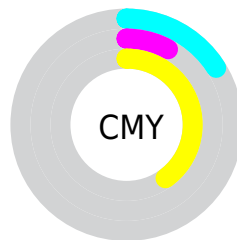
- Red (84%)
- Green (92%)
- Blue (60%)



- Red (60%)
- Yellow (92%)
- Blue (68%)



- Cyan (9%)
- Magenta (0%)
- Yellow (35%)
- Black (8%)



- Cyan (16%)
- Magenta (8%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 213, 234, 152 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 213, 234, 152 by changing the saturation by 10% instead.

 213, 234, 152

255, 255, 255

 255, 255, 207

 255, 255, 236

 213, 234, 152

 185, 206, 126


 157, 178, 100

 130, 152, 75

 104, 126, 51

 79, 101, 26

 54, 77, 0

 31, 54, 0

 1, 33, 0

 0, 0, 0

■ 213, 234, 152

■ 213, 234, 152

■ 207, 234, 129

■ 219, 234, 175

■ 201, 234, 105

■ 225, 234, 199

■ 195, 234, 82

■ 231, 234, 222

■ 189, 234, 58

■ 237, 234, 246

■ 183, 234, 35

■ 243, 234, 255

■ 177, 234, 12

■ 249, 234, 255

■ 174, 234, 0

■ 255, 234, 255

■ 255, 234, 255

Harmonies

Analogous

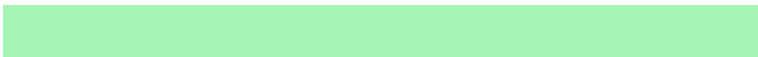
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 222, 143



213, 234, 152



165, 243, 181

Triad

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



213, 234, 152



101, 240, 255



255, 194, 229

Complementary

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



213, 234, 152



173, 152, 234

Split Complementary

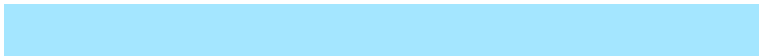
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 202, 255



213, 234, 152



164, 230, 255

Square

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



213, 234, 152



77, 246, 255



226, 216, 255



255, 197, 189

Rectangle

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



213, 234, 152



132, 246, 207



226, 216, 255



255, 196, 243

Sweetspot

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



213, 234, 152



248, 255, 227



234, 173, 152



123, 128, 111



0, 0, 0



128, 128, 128

Same Dimension

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



213, 234, 152



228, 255, 148



173, 234, 152



114, 117, 106



135, 181, 0



40, 54, 0

Inverse Universe

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



173, 152, 234



175, 148, 255



213, 152, 234



109, 106, 117



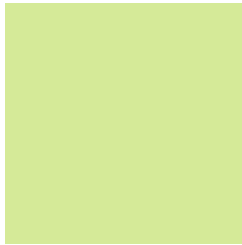
46, 0, 181



14, 0, 54

Previews

White Background



This preview shows how the RGB color 213, 234, 152 looks on a white background.

Color Contrast Check

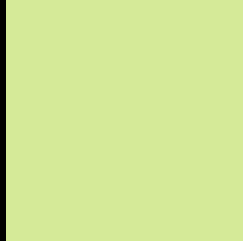
Large Text (above 18pt) WCAG AA × Fail

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 213, 234, 152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

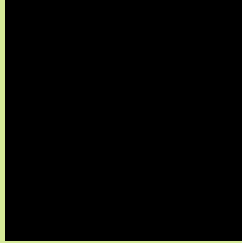
Any Text WCAG AA ✓ Pass

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 213, 234, 152 Background



This preview shows how black text looks on a background with the RGB color 213, 234, 152.


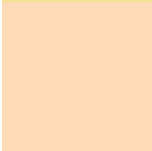


This preview shows how white text looks on a background with the RGB color 213, 234, 152.

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

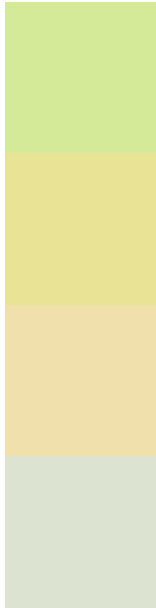
	Original Color 213, 234, 152
	Protanopia 244, 225, 148
	Deuteranopia 255, 218, 182



Tritanopia

225, 223, 241

Trichromacy



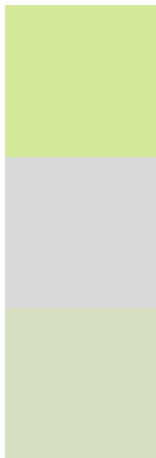
Original Color
213, 234, 152

Protanomaly
233, 228, 149

Deuteranomaly
240, 224, 171

Tritanomaly
221, 227, 209

Monochromacy



Original Color
213, 234, 152

Achromatopsia
218, 218, 218

Achromatomaly
216, 224, 194

CSS Examples

Text

The CSS property to change the color of the text to RGB 213, 234, 152 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(213, 234, 152)` looks like.

```
.text, #text, p{  
    color:rgb(213, 234, 152)  
}
```

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(213, 234, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 234, 152) }
```

Border

The CSS property to change the border of an element to RGB 213, 234, 152 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(213, 234, 152) }
```

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

```
.border{ border-color:rgb(213, 234, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 234, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 234, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 234, 152);  
box-shadow:4px 4px 4px 4px rgb(213, 234,  
152) }
```

Background

The CSS property to change the background color of an element to RGB 213, 234, 152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 234, 152) }
```

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

```
.background{ background-color: rgb(213,  
234, 152) }
```

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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