

Converting Colors

RGB(214, 223, 135)

Have a look what the booklet for
RGB(214, 223, 135) contains.

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Color

RGB(214, 223, 135)

Conversions

Conversions Part 1

Format	Color
Hex	D6DF87
RGB	214, 223, 135
RGB Percent	84%, 87%, 53%
CMY	0.1608, 0.1255, 0.4706
CMYK	0.04, 0.00, 0.39, 0.13
HSL	66°, 58%, 70%
HSV	66°, 39%, 87%
XYZ	58.4924, 68.8208, 33.1225
YIQ	210.2770, 22.8840, -29.2760

Conversions

Conversions Part 2

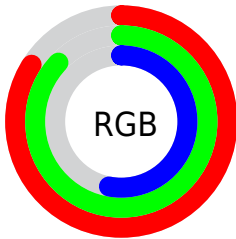
Format	Color
RYB	135, 223, 144
Decimal	14081927
CIELab	86.42, -16.15, 42.07
CIELCh	86, 45.062, 111.001
Yxy	68.8208, 0.3646, 0.4290
Android (android.graphics.Color)	4292272007 (0xFFD6DF87)
YUV	210.2770, -37.1116, 3.2651
Hunter-Lab	82.9583, -19.3198, 34.3982

Details

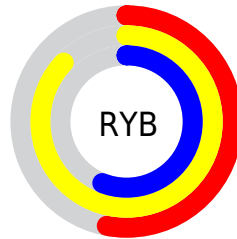
The RGB color **214, 223, 135** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **144, 135, 223**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **255, 255, 189**, and **158, 168, 83** is the 20% darker color. If you saturate the color by 10%, you get **212, 223, 113**, and if you desaturate by 10%, it is **216, 223, 157**.

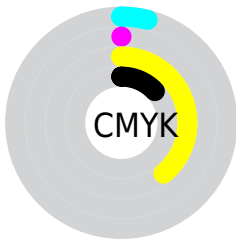
Distribution



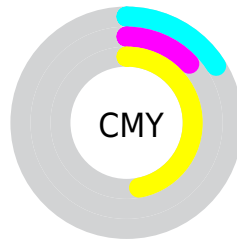
- Red (84%)
- Green (87%)
- Blue (53%)



- Red (53%)
- Yellow (87%)
- Blue (56%)



- Cyan (4%)
- Magenta (0%)
- Yellow (39%)
- Black (13%)



- Cyan (16%)
- Magenta (13%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RGB color 214, 223, 135 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 214, 223, 135 by changing the saturation by 10% instead.

 214, 223, 135


255, 255, 255

 255, 255, 189


 255, 255, 218

 255, 255, 246

 214, 223, 135

 186, 195, 109

 158, 168, 83

 131, 142, 58

 105, 116, 33

 79, 91, 4

 55, 68, 0

 30, 46, 0

 0, 26, 0

 0, 0, 0

 214, 223, 135

 214, 223, 135

 212, 223, 113


 216, 223, 157

 209, 223, 90


 219, 223, 180

 207, 223, 68

 221, 223, 202

 205, 223, 46

 223, 223, 224

 203, 223, 24

 225, 223, 247

 200, 223, 1

 228, 223, 255

 200, 223, 0

 230, 223, 255

 232, 223, 255

 235, 223, 255

Harmonies

Analogous

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



255, 209, 132



214, 223, 135



165, 233, 161

Triad

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



214, 223, 135



53, 234, 255



255, 184, 231

Complementary

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



214, 223, 135



144, 135, 223

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, 195, 255



214, 223, 135



131, 224, 255

Square

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



214, 223, 135



45, 239, 245



202, 210, 255



255, 184, 188

Rectangle

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



214, 223, 135



128, 237, 187



202, 210, 255



255, 187, 245

Sweetspot

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



214, 223, 135



252, 255, 224



223, 144, 135



126, 128, 110



0, 0, 0



128, 128, 128

Same Dimension

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



214, 223, 135



243, 255, 135



170, 223, 135



111, 112, 101



158, 176, 0



43, 48, 0

Inverse Universe

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



144, 135, 223



147, 135, 255



188, 135, 223



102, 101, 112



18, 0, 176



5, 0, 48

Previews

White Background



This preview shows how the RGB color 214, 223, 135 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 214, 223, 135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

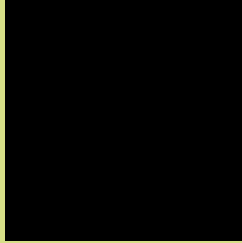
Any Text WCAG AA ✓ Pass

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 214, 223, 135 Background



This preview shows how black text looks on a background with the RGB color 214, 223, 135.



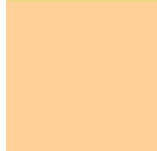


This preview shows how white text looks on a background with the RGB color 214, 223, 135.

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 214, 223, 135
	Protanopia 236, 216, 132
	Deuteranopia 255, 208, 151



Tritanopia
225, 212, 228

Trichromacy



Original Color
214, 223, 135

Protanomaly
228, 219, 133

Deuteranomaly
240, 213, 145

Tritanomaly
221, 216, 194

Monochromacy



Original Color
214, 223, 135

Achromatopsia
210, 210, 210

Achromatomaly
211, 215, 183

CSS Examples

Text

The CSS property to change the color of the text to RGB 214, 223, 135 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(214, 223, 135)` looks like.

```
.text, #text, p{  
    color:rgb(214, 223, 135)  
}
```

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(214, 223, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 223, 135) }
```

Border

The CSS property to change the border of an element to RGB 214, 223, 135 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(214, 223, 135) }
```

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

```
.border{ border-color:rgb(214, 223, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 223, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 223, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 223, 135);  
box-shadow:4px 4px 4px 4px rgb(214, 223,  
135) }
```

Background

The CSS property to change the background color of an element to RGB 214, 223, 135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 223, 135) }
```

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

```
.background{ background-color: rgb(214,  
223, 135) }
```

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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