Converting Colors

RGB(215, 225, 154)

Have a look what the booklet for RGB(215, 225, 154) contains.

Color

RGB(215, 225, 154)

Conversions

Conversions Part 1

Format	Color
Hex	D7E19A
RGB	215, 225, 154
RGB Percent	84%, 88%, 60%
CMY	0.1569, 0.1176, 0.3961
CMYK	0.04, 0.00, 0.32, 0.12
HSL	68°, 54%, 74%
HSV	68°, 32%, 88%
XYZ	60.7823, 70.6306, 41.0014
YIQ	213.9160, 16.8310, -24.2010

Conversions

Conversions Part 2

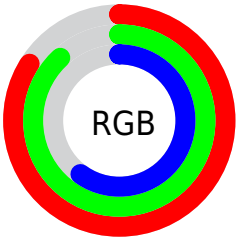
Format	Color
RYB	154, 225, 164
Decimal	14147994
CIELab	87.31, -14.51, 33.69
CIELCh	87, 36.678, 113.299
Yxy	70.6306, 0.3525, 0.4097
Android (android.graphics.Color)	4292338074 (0xFFD7E19A)
YUV	213.9160, -29.5386, 0.9507
Hunter-Lab	84.0420, -17.9757, 29.9038

Details

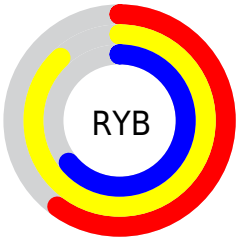
The RGB color 215, 225, 154 is a light color, and the websafe version is hex CCCC99. A complement of this color would be 164, 154, 225, and the grayscale version is 214, 214, 214.

A 20% lighter version of the original color is 255, 255, 209, and 159, 170, 102 is the 20% darker color. If you saturate the color by 10%, you get 212, 225, 132, and if you desaturate by 10%, it is 218, 225, 177.

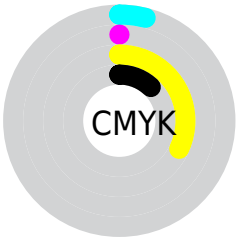
Distribution



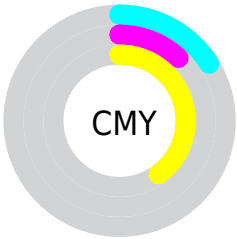
- Red (84%)
- Green (88%)
- Blue (60%)



- Red (60%)
- Yellow (88%)
- Blue (64%)



- Cyan (4%)
- Magenta (0%)
- Yellow (32%)
- Black (12%)



- Cyan (16%)
- Magenta (12%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 215, 225, 154 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 215, 225, 154 by changing the saturation by 10% instead.

215, 225, 154	215, 225, 154
255, 255, 255	187, 197, 128
255, 255, 209	159, 170, 102
255, 255, 237	133, 143, 77
	107, 118, 53
	81, 93, 30
	57, 70, 5
	35, 47, 0
	3, 27, 0
	0, 0, 0

215, 225, 154

212, 225, 132

209, 225, 109

205, 225, 87

202, 225, 64

199, 225, 41

196, 225, 19

193, 225, 0

215, 225, 154

218, 225, 177

221, 225, 199

225, 225, 222

228, 225, 244

231, 225, 255

234, 225, 255

237, 225, 255

240, 225, 255

244, 225, 255

Harmonies

Analogous

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

250, 214, 150

215, 225, 154

175, 233, 176

Triad

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

215, 225, 154

117, 233, 255

255, 193, 228

Complementary

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

215, 225, 154

164, 154, 225

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, 201, 255

215, 225, 154

161, 224, 255

Square

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

215, 225, 154

107, 238, 245

213, 213, 255

255, 194, 193

Rectangle

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

215, 225, 154

148, 237, 198

213, 213, 255

255, 195, 240

Sweetspot

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

215, 225, 154

252, 255, 232

225, 163, 154

126, 128, 113

0, 0, 0

128, 128, 128

Same Dimension

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

215, 225, 154

241, 255, 158

180, 225, 154

111, 112, 101

151, 176, 0

42, 48, 0

Inverse Universe

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

164, 154, 225

172, 158, 255

199, 154, 225

103, 101, 112

25, 0, 176

7, 0, 48

Previews

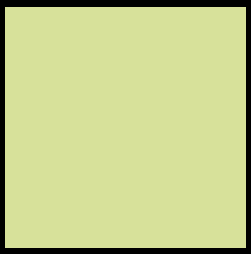
White Background

This preview shows how the RGB color 215, 225, 154 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



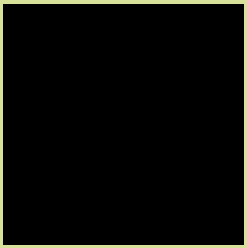
This preview shows how the RGB color 215, 225, 154 looks on a black background.

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 215, 225, 154 Background



This preview shows how black text looks on a background with the RGB color 215, 225, 154.

This preview shows how white text looks on a background with the RGB color 215, 225, 154.

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
215, 225, 154

Protanopia
236, 218, 151

Deuteranopia
255, 210, 166

Tritanopia
225, 215, 232

Trichromacy

Original Color
215, 225, 154

Protanomaly
228, 221, 152

Deuteranomaly
240, 215, 162

Tritanomaly
221, 219, 204

Monochromacy

Original Color
215, 225, 154

Achromatopsia
214, 214, 214

Achromatomaly
214, 218, 192

CSS Examples

Text

The CSS property to change the color of the text to RGB 215, 225, 154 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(215, 225, 154) looks like.

```
.text, #text, p{
    color:rgb(215, 225, 154)
}
```

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(215, 225, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 225, 154) }
```

Border

The CSS property to change the border of an element to RGB 215, 225, 154 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(215, 225, 154) }
```

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

```
.border{ border-color:rgb(215, 225, 154) }
```

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

Here you see how a box with a 4 pixel rgb(215, 225, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 225, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 225, 154); box-shadow:4px 4px 4px 4px rgb(215, 225, 154) }
```

Background

The CSS property to change the background color of an element to RGB 215, 225, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(215, 225, 154) }
```

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

```
.background{ background-color:rgb(215,
225, 154) }
```

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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