

Converting Colors

RGB(221, 225, 148)

Have a look what the booklet for
RGB(221, 225, 148) contains.

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Color

RGB(221, 225, 148)

Conversions

Conversions Part 1

Format	Color
Hex	DDE194
RGB	221, 225, 148
RGB Percent	87%, 88%, 58%
CMY	0.1333, 0.1176, 0.4196
CMYK	0.02, 0.00, 0.34, 0.12
HSL	63°, 56%, 73%
HSV	63°, 34%, 88%
XYZ	62.0893, 71.3607, 38.5185
YIQ	215.0260, 22.3330, -24.7950

Conversions

Conversions Part 2

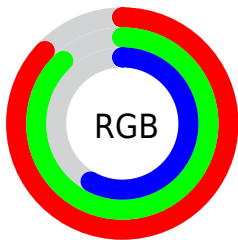
Format	Color
RYB	148, 225, 152
Decimal	14541204
CIELab	87.66, -12.97, 37.28
CIELCh	88, 39.467, 109.186
Yxy	71.3607, 0.3611, 0.4150
Android (android.graphics.Color)	4292731284 (0xFFDDE194)
YUV	215.0260, -33.0438, 5.2392
Hunter-Lab	84.4753, -16.6342, 32.0980

Details

The RGB color **221, 225, 148** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **152, 148, 225**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **255, 255, 203**, and **165, 170, 96** is the 20% darker color. If you saturate the color by 10%, you get **220, 225, 126**, and if you desaturate by 10%, it is **222, 225, 171**.

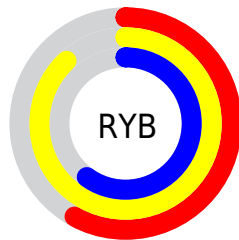
Distribution



Red (87%)

Green (88%)

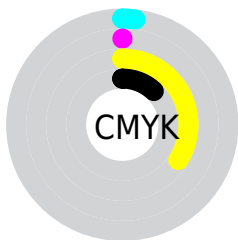
Blue (58%)



Red (58%)

Yellow (88%)

Blue (60%)

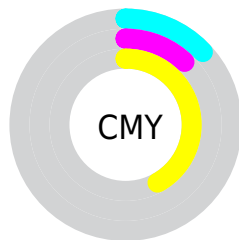


Cyan (2%)

Magenta (0%)

Yellow (34%)

Black (12%)



Cyan (13%)

Magenta (12%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 221, 225, 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 221, 225, 148 by changing the saturation by 10% instead.


 221, 225, 148


255, 255, 255

 255, 255, 203


 255, 255, 231

 221, 225, 148


 193, 197, 122

 165, 170, 96

 138, 143, 71

 111, 118, 47

 86, 93, 23

 61, 70, 0

 38, 47, 0

 9, 27, 0

 0, 0, 0

 221, 225, 148

 221, 225, 148

 220, 225, 126

 222, 225, 171

 219, 225, 103

 223, 225, 193

 217, 225, 81

 225, 225, 216

 216, 225, 58

 226, 225, 238

 215, 225, 36

 227, 225, 255

 214, 225, 13

 228, 225, 255

 213, 225, 0

 229, 225, 255

 230, 225, 255

 232, 225, 255

Harmonies

Analogous

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



255, 213, 146



221, 225, 148



178, 234, 170

Triad

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



221, 225, 148



99, 236, 255



255, 193, 235

Complementary

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



221, 225, 148



152, 148, 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.



254, 202, 255



221, 225, 148



148, 227, 255

Square

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



221, 225, 148



96, 240, 243



206, 215, 255



255, 192, 197

Rectangle

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



221, 225, 148



148, 238, 192



206, 215, 255



255, 195, 247

Sweetspot

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



221, 225, 148



254, 255, 230



225, 152, 148



127, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

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



221, 225, 148



250, 255, 150



183, 225, 148



112, 112, 101



167, 176, 0



46, 48, 0

Inverse Universe

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



152, 148, 225



156, 150, 255



190, 148, 225



102, 101, 112



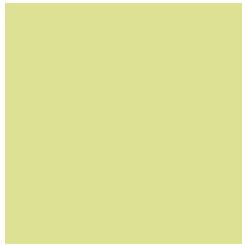
9, 0, 176



3, 0, 48

Previews

White Background



This preview shows how the RGB color 221, 225, 148 looks on a white background.

Color Contrast Check

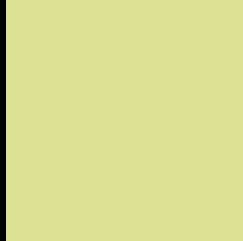
Large Text (above 18pt) WCAG AA × Fail

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 221, 225, 148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

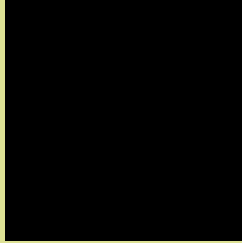
Any Text WCAG AA ✓ Pass

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 221, 225, 148 Background



This preview shows how black text looks on a background with the RGB color 221, 225, 148.

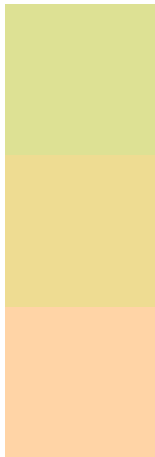


This preview shows how white text looks on a background with the RGB color 221, 225, 148.

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
221, 225, 148

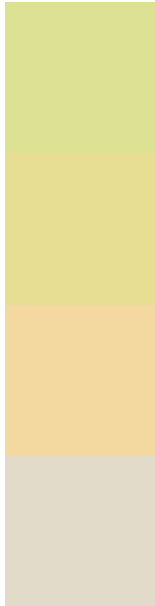
Protanopia
238, 220, 146

Deuteranopia
255, 212, 166



Tritanopia
231, 215, 232

Trichromacy



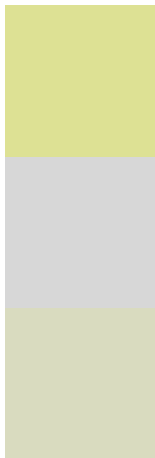
Original Color
221, 225, 148

Protanomaly
232, 222, 147

Deuteranomaly
243, 217, 159

Tritanomaly
227, 219, 201

Monochromacy



Original Color
221, 225, 148

Achromatopsia
215, 215, 215

Achromatomaly
217, 219, 191

CSS Examples

Text

The CSS property to change the color of the text to RGB 221, 225, 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(221, 225, 148)` looks like.

```
.text, #text, p{  
    color:rgb(221, 225, 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(221, 225, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 225, 148) }
```

Border

The CSS property to change the border of an element to RGB 221, 225, 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(221, 225, 148) }
```

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

```
.border{ border-color:rgb(221, 225, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 225, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 225, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 225, 148); box-shadow:4px 4px 4px 4px rgb(221, 225, 148) }
```

Background

The CSS property to change the background color of an element to RGB 221, 225, 148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 225, 148) }
```

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

```
.background{ background-color: rgb(221,  
225, 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](#).

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