

Converting Colors

RGB(218, 225, 153)

Have a look what the booklet for
RGB(218, 225, 153) contains.

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Color

RGB(218, 225, 153)

Conversions

Conversions Part 1

Format	Color
Hex	DAE199
RGB	218, 225, 153
RGB Percent	85%, 88%, 60%
CMY	0.1451, 0.1176, 0.4000
CMYK	0.03, 0.00, 0.32, 0.12
HSL	66°, 55%, 74%
HSV	66°, 32%, 88%
XYZ	61.5884, 71.0558, 40.6061
YIQ	214.6990, 18.9400, -23.8760

Conversions

Conversions Part 2

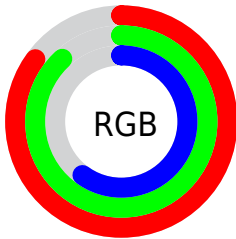
Format	Color
RYB	153, 225, 160
Decimal	14344601
CIELab	87.51, -13.50, 34.51
CIELCh	88, 37.057, 111.369
Yxy	71.0558, 0.3555, 0.4101
Android (android.graphics.Color)	4292534681 (0xFFDAE199)
YUV	214.6990, -30.4176, 2.8950
Hunter-Lab	84.2946, -17.0975, 30.4452

Details

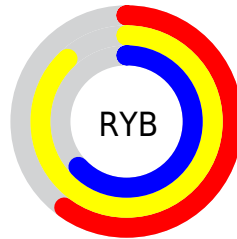
The RGB color **218, 225, 153** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **160, 153, 225**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **255, 255, 208**, and **162, 170, 101** is the 20% darker color. If you saturate the color by 10%, you get **216, 225, 131**, and if you desaturate by 10%, it is **220, 225, 176**.

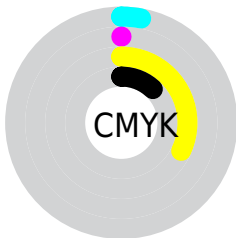
Distribution



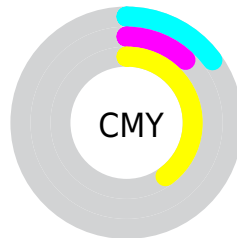
- Red (85%)
- Green (88%)
- Blue (60%)



- Red (60%)
- Yellow (88%)
- Blue (63%)



- Cyan (3%)
- Magenta (0%)
- Yellow (32%)
- Black (12%)



- Cyan (15%)
- Magenta (12%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 218, 225, 153 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 218, 225, 153 by changing the saturation by 10% instead.


 218, 225, 153

255, 255, 255

 255, 255, 208

 255, 255, 236

 218, 225, 153

 190, 197, 127

 162, 170, 101

 135, 143, 76

 109, 118, 52

 84, 93, 29

 59, 70, 3

 37, 47, 0

 7, 27, 0

 0, 0, 0

 218, 225, 153


 218, 225, 153

 216, 225, 131

 220, 225, 176

 214, 225, 108

 222, 225, 198

 211, 225, 86


 225, 225, 220

 209, 225, 63


 227, 225, 243

 207, 225, 41

 229, 225, 255

 205, 225, 18

 231, 225, 255

 203, 225, 0

 233, 225, 255

 235, 225, 255

 238, 225, 255

Harmonies

Analogous

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



253, 214, 150



218, 225, 153



178, 234, 174

Triad

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



218, 225, 153



114, 234, 255



255, 194, 231

Complementary

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



218, 225, 153



160, 153, 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



218, 225, 153



158, 226, 255

Square

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



218, 225, 153



107, 238, 244



210, 214, 255



255, 194, 195

Rectangle

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



218, 225, 153



150, 237, 196



210, 214, 255



255, 196, 243

Sweetspot

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



218, 225, 153



253, 255, 230



225, 159, 153



126, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

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



218, 225, 153



246, 255, 158



183, 225, 153



111, 112, 101



159, 176, 0



44, 48, 0

Inverse Universe

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



160, 153, 225



168, 158, 255



195, 153, 225



102, 101, 112



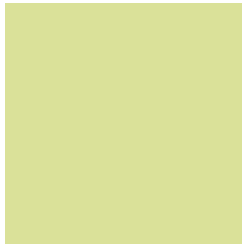
17, 0, 176



5, 0, 48

Previews

White Background



This preview shows how the RGB color 218, 225, 153 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 218, 225, 153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

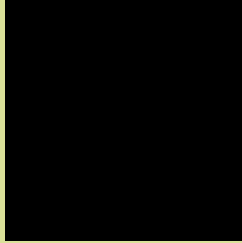
Any Text WCAG AA ✓ Pass

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 218, 225, 153 Background



This preview shows how black text looks on a background with the RGB color 218, 225, 153.

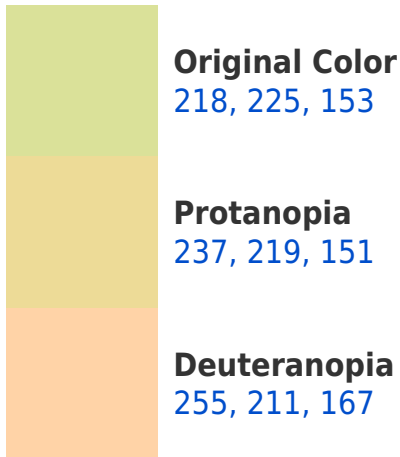


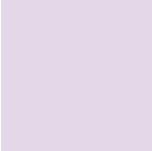
This preview shows how white text looks on a background with the RGB color 218, 225, 153.

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](#).

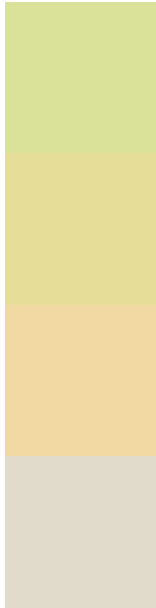
Dichromacy





Tritanopia
228, 215, 232

Trichromacy



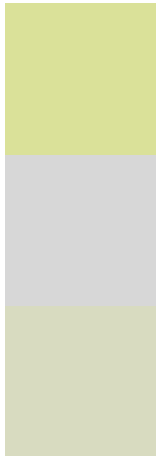
Original Color
218, 225, 153

Protanomaly
230, 221, 152

Deuteranomaly
242, 216, 162

Tritanomaly
224, 219, 203

Monochromacy



Original Color
218, 225, 153

Achromatopsia
215, 215, 215

Achromatomaly
216, 219, 192

CSS Examples

Text

The CSS property to change the color of the text to RGB 218, 225, 153 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(218, 225, 153)` looks like.

```
.text, #text, p{  
    color:rgb(218, 225, 153)  
}
```

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(218, 225, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 225, 153) }
```

Border

The CSS property to change the border of an element to RGB 218, 225, 153 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(218, 225, 153) }
```

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

```
.border{ border-color:rgb(218, 225, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 225, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 225, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 225, 153); box-shadow:4px 4px 4px 4px rgb(218, 225, 153) }
```

Background

The CSS property to change the background color of an element to RGB 218, 225, 153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 225, 153) }
```

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

```
.background{ background-color: rgb(218,  
225, 153) }
```

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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