

Converting Colors

RGB(216, 238, 125)

Have a look what the booklet for
RGB(216, 238, 125) contains.

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Color

RGB(216, 238, 125)

Conversions

Conversions Part 1

Format	Color
Hex	D8EE7D
RGB	216, 238, 125
RGB Percent	85%, 93%, 49%
CMY	0.1529, 0.0667, 0.5098
CMYK	0.09, 0.00, 0.47, 0.07
HSL	72°, 77%, 71%
HSV	72°, 47%, 93%
XYZ	62.5951, 77.2287, 31.0095
YIQ	218.5400, 23.1610, -39.8070

Conversions

Conversions Part 2

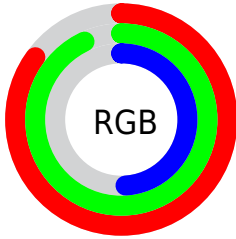
Format	Color
RYB	125, 238, 147
Decimal	14216829
CIELab	90.43, -23.72, 51.91
CIElCh	90, 57.072, 114.559
Yxy	77.2287, 0.3664, 0.4521
Android (android.graphics.Color)	4292406909 (0xFFD8EE7D)
YUV	218.5400, -46.1152, -2.2276
Hunter-Lab	87.8798, -26.6476, 40.5946

Details

The RGB color **216, 238, 125** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **147, 125, 238**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is **255, 255, 180**, and **159, 182, 72** is the 20% darker color. If you saturate the color by 10%, you get **211, 238, 101**, and if you desaturate by 10%, it is **221, 238, 149**.

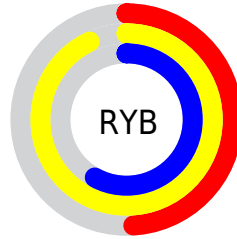
Distribution



Red (85%)

Green (93%)

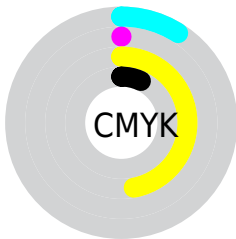
Blue (49%)



Red (49%)

Yellow (93%)

Blue (58%)

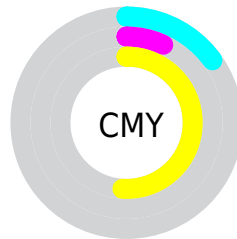


Cyan (9%)

Magenta (0%)

Yellow (47%)

Black (7%)



Cyan (15%)

Magenta (7%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RGB color 216, 238, 125 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 216, 238, 125 by changing the saturation by 10% instead.

 216, 238, 125

255, 255, 255

 255, 255, 180

 255, 255, 208


 255, 255, 237

 216, 238, 125

 187, 210, 98

 159, 182, 72

 132, 155, 46

 105, 129, 15

 79, 104, 0

 54, 80, 0

 27, 57, 0

 0, 35, 0

 0, 3, 0

■ 216, 238, 125

■ 216, 238, 125

■ 211, 238, 101

■ 221, 238, 149

■ 207, 238, 77

■ 225, 238, 173

■ 202, 238, 54

■ 230, 238, 196

■ 197, 238, 30

■ 235, 238, 220

■ 193, 238, 6

■ 239, 238, 244

■ 192, 238, 0

■ 244, 238, 255

■ 248, 238, 255

■ 253, 238, 255

■ 255, 238, 255

Harmonies

Analogous

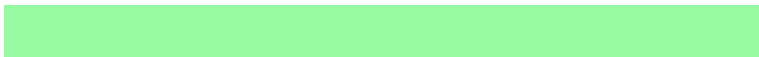
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 221, 117



216, 238, 125



151, 250, 162

Triad

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



216, 238, 125



0, 249, 255



255, 184, 240

Complementary

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



216, 238, 125



147, 125, 238

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, 197, 255



216, 238, 125



113, 236, 255

Square

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



216, 238, 125



0, 255, 255



217, 217, 255



255, 186, 185

Rectangle

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



216, 238, 125



94, 254, 197



217, 217, 255



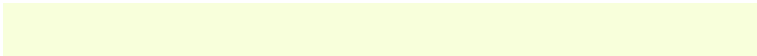
255, 187, 255

Sweetspot

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



216, 238, 125



248, 255, 219



238, 146, 125



123, 128, 106



0, 0, 0



128, 128, 128

Same Dimension

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



216, 238, 125



227, 255, 110



161, 238, 125



118, 120, 108



148, 184, 0



45, 56, 0

Inverse Universe

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



147, 125, 238



138, 110, 255



202, 125, 238



110, 108, 120



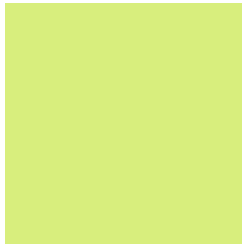
36, 0, 184



11, 0, 56

Previews

White Background



This preview shows how the RGB color 216, 238, 125 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 216, 238, 125 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 216, 238, 125 Background



This preview shows how black text looks on a background with the RGB color 216, 238, 125.

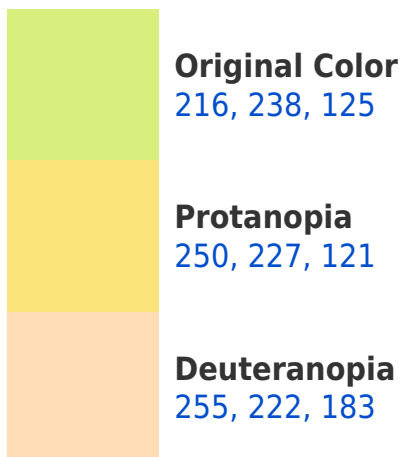


This preview shows how white text looks on a background with the RGB color 216, 238, 125.

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

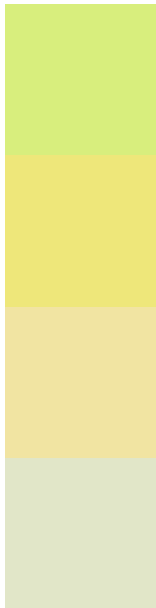




Tritanopia

230, 225, 243

Trichromacy



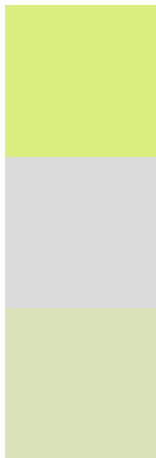
Original Color
216, 238, 125

Protanomaly
238, 231, 122

Deuteranomaly
241, 228, 162

Tritanomaly
225, 230, 200

Monochromacy



Original Color
216, 238, 125

Achromatopsia
219, 219, 219

Achromatomaly
218, 226, 185

CSS Examples

Text

The CSS property to change the color of the text to RGB 216, 238, 125 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(216, 238, 125)` looks like.

```
.text, #text, p{  
    color:rgb(216, 238, 125)  
}
```

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(216, 238, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 238, 125) }
```

Border

The CSS property to change the border of an element to RGB 216, 238, 125 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(216, 238, 125) }
```

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

```
.border{ border-color:rgb(216, 238, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 238, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 238, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 238, 125);  
box-shadow:4px 4px 4px 4px rgb(216, 238,  
125) }
```

Background

The CSS property to change the background color of an element to RGB 216, 238, 125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 238, 125) }
```

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

```
.background{ background-color: rgb(216,  
238, 125) }
```

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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