

Converting Colors

RGB(216, 243, 165)

Have a look what the booklet for
RGB(216, 243, 165) contains.

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Color

RGB(216, 243, 165)

Conversions

Conversions Part 1

Format	Color
Hex	D8F3A5
RGB	216, 243, 165
RGB Percent	85%, 95%, 65%
CMY	0.1529, 0.0471, 0.3529
CMYK	0.11, 0.00, 0.32, 0.05
HSL	81°, 76%, 80%
HSV	81°, 32%, 95%
XYZ	67.1610, 81.4167, 47.7725
YIQ	226.0350, 8.9460, -29.9820

Conversions

Conversions Part 2

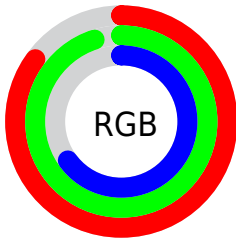
Format	Color
RYB	165, 243, 192
Decimal	14218149
CIELab	92.32, -21.54, 34.78
CIELCh	92, 40.908, 121.769
Yxy	81.4167, 0.3420, 0.4147
Android (android.graphics.Color)	4292408229 (0xFFD8F3A5)
YUV	226.0350, -30.0903, -8.8007
Hunter-Lab	90.2312, -25.0433, 31.7710

Details

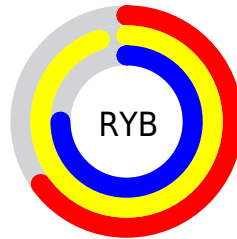
The RGB color **216, 243, 165** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **192, 165, 243**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is **255, 255, 221**, and **160, 187, 112** is the 20% darker color. If you saturate the color by 10%, you get **208, 243, 141**, and if you desaturate by 10%, it is **224, 243, 189**.

Distribution



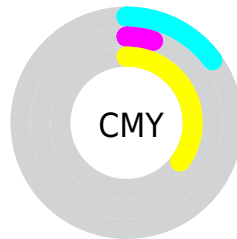
- Red (85%)
- Green (95%)
- Blue (65%)



- Red (65%)
- Yellow (95%)
- Blue (75%)



- Cyan (11%)
- Magenta (0%)
- Yellow (32%)
- Black (5%)



- Cyan (15%)
- Magenta (5%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 216, 243, 165 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, 243, 165 by changing the saturation by 10% instead.

 216, 243, 165


255, 255, 255


 255, 255, 221

 255, 255, 249


 216, 243, 165

 188, 215, 138

 160, 187, 112

 133, 160, 87

 107, 134, 63

 82, 108, 39

 57, 84, 14

 34, 60, 0

 9, 38, 0

 0, 15, 0

 216, 243, 165


 216, 243, 165


 208, 243, 141

 224, 243, 189

 199, 243, 116


 233, 243, 214

 191, 243, 92


 241, 243, 238

 182, 243, 68

 250, 243, 255

 174, 243, 43

 255, 243, 255

 166, 243, 19

 159, 243, 0

Harmonies

Analogous

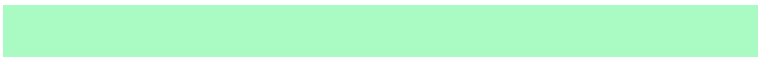
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 231, 154



216, 243, 165



170, 251, 195

Triad

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



216, 243, 165



125, 247, 255



255, 203, 232

Complementary

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



216, 243, 165



192, 165, 243

Split Complementary

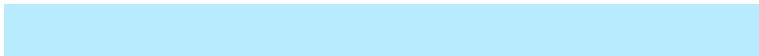
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 209, 255



216, 243, 165



183, 236, 255

Square

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



216, 243, 165



98, 253, 255



241, 222, 255



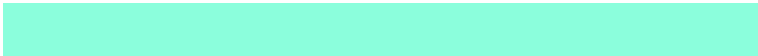
255, 207, 193

Rectangle

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



216, 243, 165



139, 254, 220



241, 222, 255



255, 204, 245

Sweetspot

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



216, 243, 165



246, 255, 230



243, 191, 165



122, 128, 112



0, 0, 0



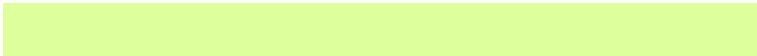
128, 128, 128

Same Dimension

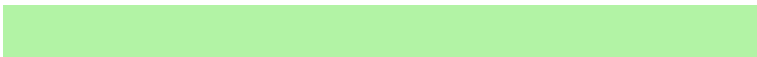
The Same Dimension uses a secret algorithm to generate beautiful new colors.



216, 243, 165



221, 255, 156



178, 243, 165



118, 122, 110



122, 186, 0



38, 59, 0

Inverse Universe

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



192, 165, 243



190, 156, 255



230, 165, 243



114, 110, 122



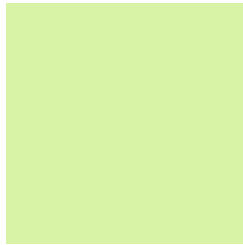
64, 0, 186



20, 0, 59

Previews

White Background



This preview shows how the RGB color 216, 243, 165 looks on a white background.

Color Contrast Check

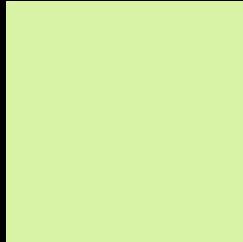
Large Text (above 18pt) WCAG AA × Fail

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, 243, 165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

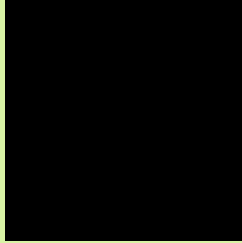
Any Text WCAG AA ✓ Pass

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, 243, 165 Background



This preview shows how black text looks on a background with the RGB color 216, 243, 165.



This preview shows how white text looks on a background with the RGB color 216, 243, 165.

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](#).

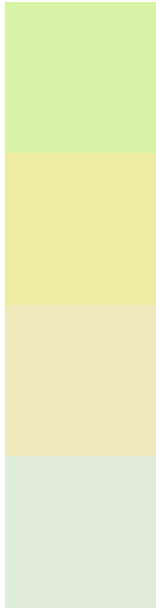
Dichromacy





Tritanopia
228, 232, 251

Trichromacy



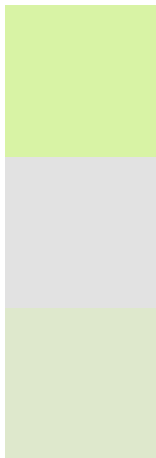
Original Color
216, 243, 165

Protanomaly
238, 236, 162

Deuteranomaly
241, 233, 190

Tritanomaly
224, 236, 220

Monochromacy



Original Color
216, 243, 165

Achromatopsia
226, 226, 226

Achromatomaly
222, 232, 204

CSS Examples

Text

The CSS property to change the color of the text to RGB 216, 243, 165 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, 243, 165)` looks like.

```
.text, #text, p{  
    color:rgb(216, 243, 165)  
}
```

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, 243, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 243, 165) }
```

Border

The CSS property to change the border of an element to RGB 216, 243, 165 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, 243, 165) }
```

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

```
.border{ border-color:rgb(216, 243, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 243, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 243, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 243, 165);  
box-shadow:4px 4px 4px 4px rgb(216, 243,  
165) }
```

Background

The CSS property to change the background color of an element to RGB 216, 243, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 243, 165) }
```

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

```
.background{ background-color: rgb(216,  
243, 165) }
```

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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