

Converting Colors

RGB(186, 244, 99)

Have a look what the booklet for
RGB(186, 244, 99) contains.

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Color

RGB(186, 244, 99)

Conversions

Conversions Part 1

Format	Color
Hex	BAF463
RGB	186, 244, 99
RGB Percent	73%, 96%, 39%
CMY	0.2706, 0.0431, 0.6118
CMYK	0.24, 0.00, 0.59, 0.04
HSL	84°, 87%, 67%
HSV	84°, 59%, 96%
XYZ	54.8525, 76.0413, 23.5908
YIQ	210.1280, 11.9770, -57.3910

Conversions

Conversions Part 2

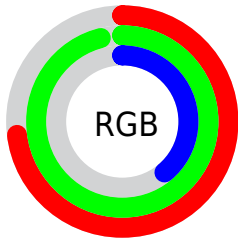
Format	Color
RYB	99, 244, 157
Decimal	12252259
CIELab	89.88, -40.09, 62.43
CIELCh	90, 74.191, 122.708
Yxy	76.0413, 0.3551, 0.4922
Android (android.graphics.Color)	4290442339 (0xFFBAF463)
YUV	210.1280, -54.7861, -21.1603
Hunter-Lab	87.2017, -40.3210, 45.0014

Details

The RGB color **186, 244, 99** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **157, 99, 244**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **245, 255, 154**, and **129, 187, 42** is the 20% darker color. If you saturate the color by 10%, you get **176, 244, 75**, and if you desaturate by 10%, it is **196, 244, 123**.

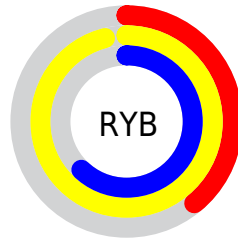
Distribution



Red (73%)

Green (96%)

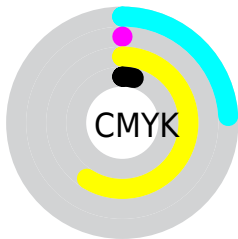
Blue (39%)



Red (39%)

Yellow (96%)

Blue (62%)

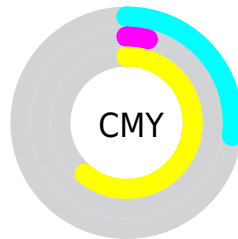


Cyan (24%)

Magenta (0%)

Yellow (59%)

Black (4%)



Cyan (27%)

















Magenta (4%)

Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the RGB color 186, 244, 99 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 186, 244, 99 by changing the saturation by 10% instead.


 186, 244, 99	 186, 244, 99
 255, 255, 255	 157, 215, 71
 245, 255, 154	 129, 187, 42
 255, 255, 183	 101, 160, 0
 255, 255, 211	 73, 134, 0
 255, 255, 240	 44, 108, 0
	 5, 83, 0
	 0, 59, 0
	 0, 39, 0
	 0, 0, 0

 186, 244, 99


 186, 244, 99

 176, 244, 75

 196, 244, 123

 166, 244, 50

 206, 244, 148

 157, 244, 26

 215, 244, 172

 147, 244, 1

 225, 244, 197

 146, 244, 0

 235, 244, 221

 245, 244, 245

 254, 244, 255

 255, 244, 255

Harmonies

Analogous

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



255, 225, 74



186, 244, 99



78, 255, 158

Triad

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



186, 244, 99



0, 250, 255



255, 162, 222

Complementary

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



186, 244, 99



157, 99, 244

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, 176, 255



186, 244, 99



80, 232, 255

Square

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



186, 244, 99



0, 255, 255



237, 205, 255



255, 172, 153

Rectangle

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



186, 244, 99



0, 255, 206



237, 205, 255



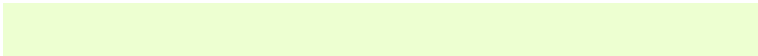
255, 164, 246

Sweetspot

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



186, 244, 99



237, 255, 209



244, 157, 99



116, 128, 99



0, 0, 0



128, 128, 128

Same Dimension

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



186, 244, 99



183, 255, 74



114, 244, 99



118, 122, 110



112, 186, 0



35, 59, 0

Inverse Universe

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



157, 99, 244



146, 74, 255



230, 99, 244



115, 110, 122



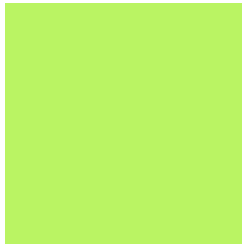
74, 0, 186



23, 0, 59

Previews

White Background



This preview shows how the RGB color 186, 244, 99 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 186, 244, 99 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 186, 244, 99 Background



This preview shows how black text looks on a background with the RGB color 186, 244, 99.

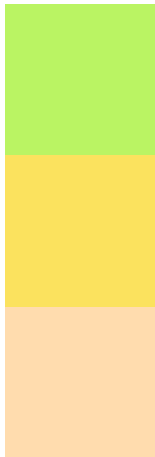


This preview shows how white text looks on a background with the RGB color 186, 244, 99.

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
186, 244, 99

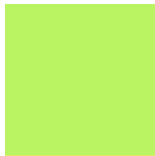
Protanopia
251, 226, 94

Deuteranopia
255, 220, 174



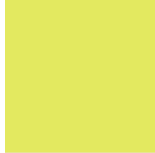
Tritanopia
205, 229, 247

Trichromacy



Original Color

186, 244, 99



Protanomaly

227, 233, 96



Deuteranomaly

230, 229, 147



Tritanomaly

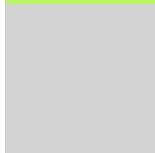
198, 234, 193

Monochromacy



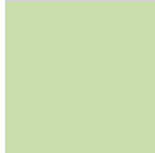
Original Color

186, 244, 99



Achromatopsia

210, 210, 210



Achromatomaly

201, 222, 170

CSS Examples

Text

The CSS property to change the color of the text to RGB 186, 244, 99 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(186, 244, 99)` looks like.

```
.text, #text, p{  
    color:rgb(186, 244, 99)  
}
```

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(186, 244, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 244, 99) }
```

Border

The CSS property to change the border of an element to RGB 186, 244, 99 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(186, 244, 99) }
```

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

```
.border{ border-color:rgb(186, 244, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 244, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 244, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 244, 99);  
box-shadow:4px 4px 4px 4px rgb(186, 244,  
99) }
```

Background

The CSS property to change the background color of an element to RGB 186, 244, 99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 244, 99) }
```

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

```
.background{ background-color: rgb(186,  
244, 99) }
```

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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