

Converting Colors

RGB(148, 220, 86)

Have a look what the booklet for
RGB(148, 220, 86) contains.

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Color

RGB(148, 220, 86)

Conversions

Conversions Part 1

Format	Color
Hex	94DC56
RGB	148, 220, 86
RGB Percent	58%, 86%, 34%
CMY	0.4196, 0.1373, 0.6627
CMYK	0.33, 0.00, 0.61, 0.14
HSL	92°, 66%, 60%
HSV	92°, 61%, 86%
XYZ	39.4857, 58.1542, 17.9479
YIQ	183.1960, 0.1020, -56.9380

Conversions

Conversions Part 2

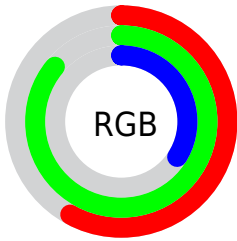
Format	Color
R_{YB}	86, 220, 158
Decimal	9755734
CIE _{Lab}	80.82, -44.27, 57.28
CIE _{LCh}	81, 72.390, 127.697
Yxy	58.1542, 0.3416, 0.5031
Android (android.graphics.Color)	4287945814 (0xFF94DC56)
YUV	183.1960, -47.9176, -30.8669
Hunter-Lab	76.2589, -41.0286, 39.4271

Details

The RGB color **148, 220, 86** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **158, 86, 220**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **206, 255, 140**, and **92, 164, 28** is the 20% darker color. If you saturate the color by 10%, you get **136, 220, 64**, and if you desaturate by 10%, it is **160, 220, 108**.

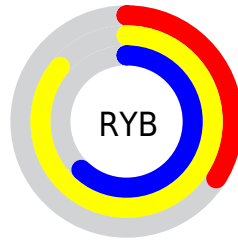
Distribution



Red (58%)

Green (86%)

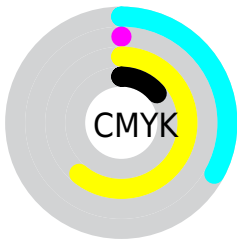
Blue (34%)



Red (34%)

Yellow (86%)

Blue (62%)

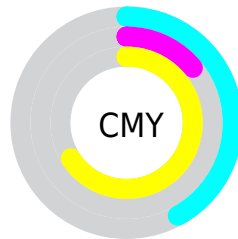


Cyan (33%)

Magenta (0%)

Yellow (61%)

Black (14%)



Cyan (42%)
















Magenta (14%)


Yellow (66%)


Brightness & Saturation Gradients

These gradients show how the RGB color 148, 220, 86 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 148, 220, 86 by changing the saturation by 10% instead.

 148, 220, 86	 148, 220, 86
255, 255, 255	 120, 192, 59
 206, 255, 140	 92, 164, 28
 235, 255, 168	 63, 138, 0
 255, 255, 196	 31, 112, 0
 255, 255, 225	 0, 87, 0
255, 255, 254	 0, 63, 0
	 0, 41, 0
	 0, 6, 0
	 0, 0, 0

 148, 220, 86


 148, 220, 86

 136, 220, 64


 160, 220, 108

 124, 220, 42

 172, 220, 130

 113, 220, 20

 183, 220, 152

 102, 220, 0

 195, 220, 174

 207, 220, 196

 219, 220, 218

 231, 220, 240

 243, 220, 255

 254, 220, 255

Harmonies

Analogous

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



220, 203, 52



148, 220, 86



0, 230, 147

Triad

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



148, 220, 86



0, 221, 255



255, 137, 186

Complementary

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



148, 220, 86



158, 86, 220

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, 148, 253



148, 220, 86



90, 203, 255

Square

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



148, 220, 86



0, 231, 255



227, 175, 255



255, 152, 121

Rectangle

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



148, 220, 86



0, 233, 193



227, 175, 255



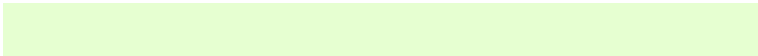
255, 138, 209

Sweetspot

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



148, 220, 86



230, 255, 209



220, 157, 86



112, 128, 99



0, 0, 0



128, 128, 128

Same Dimension

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



148, 220, 86



155, 255, 69



86, 220, 90



104, 110, 99



80, 173, 0



21, 46, 0

Inverse Universe

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



158, 86, 220



169, 69, 255



220, 86, 216



105, 99, 110



93, 0, 173



25, 0, 46

Previews

White Background



This preview shows how the RGB color 148, 220, 86 looks on a white background.

Color Contrast Check

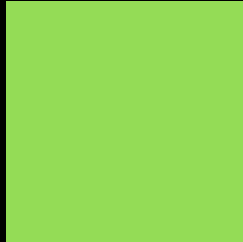
Large Text (above 18pt) WCAG AA × Fail

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 148, 220, 86 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 148, 220, 86 Background



This preview shows how black text looks on a background with the RGB color 148, 220, 86.

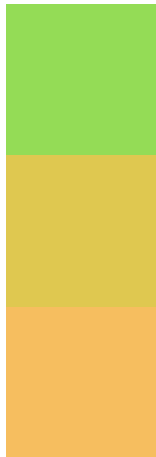


This preview shows how white text looks on a background with the RGB color 148, 220, 86.

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

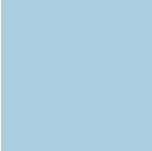
148, 220, 86

Protanopia

223, 200, 80

Deuteranopia

246, 190, 95



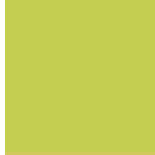
Tritanopia
168, 206, 223

Trichromacy



Original Color

148, 220, 86



Protanomaly

196, 207, 82



Deuteranomaly

210, 201, 92



Tritanomaly

161, 211, 173

Monochromacy



Original Color

148, 220, 86



Achromatopsia

183, 183, 183



Achromatomaly

170, 196, 148

CSS Examples

Text

The CSS property to change the color of the text to RGB 148, 220, 86 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(148, 220, 86)` looks like.

```
.text, #text, p{  
    color:rgb(148, 220, 86)  
}
```

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(148, 220, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 220, 86) }
```

Border

The CSS property to change the border of an element to RGB 148, 220, 86 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(148, 220, 86) }
```

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

```
.border{ border-color:rgb(148, 220, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 220, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 220, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 220, 86);  
box-shadow:4px 4px 4px 4px rgb(148, 220,  
86) }
```

Background

The CSS property to change the background color of an element to RGB 148, 220, 86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 220, 86) }
```

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

```
.background{ background-color: rgb(148,  
220, 86) }
```

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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