

Converting Colors

RGB(149, 205, 138)

Have a look what the booklet for
RGB(149, 205, 138) contains.

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Color

RGB(149, 205, 138)

Conversions

Conversions Part 1

Format	Color
Hex	95CD8A
RGB	149, 205, 138
RGB Percent	58%, 80%, 54%
CMY	0.4157, 0.1961, 0.4588
CMYK	0.27, 0.00, 0.33, 0.20
HSL	110°, 40%, 67%
HSV	110°, 33%, 80%
XYZ	38.8132, 51.8872, 32.0143
YIQ	180.6180, -11.8690, -32.7090

Conversions

Conversions Part 2

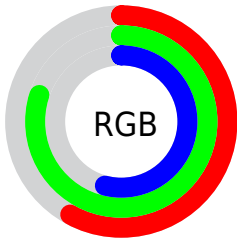
Format	Color
RYB	138, 205, 194
Decimal	9817482
CIELab	77.21, -30.83, 27.72
CIElCh	77, 41.460, 138.040
Yxy	51.8872, 0.3163, 0.4228
Android (android.graphics.Color)	4288007562 (0xFF95CD8A)
YUV	180.6180, -21.0107, -27.7290
Hunter-Lab	72.0328, -29.8767, 24.0720

Details

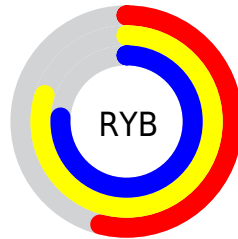
The RGB color **149, 205, 138** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **194, 138, 205**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **204, 255, 192**, and **96, 150, 87** is the 20% darker color. If you saturate the color by 10%, you get **132, 205, 118**, and if you desaturate by 10%, it is **166, 205, 159**.

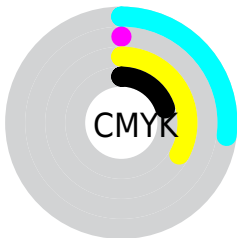
Distribution



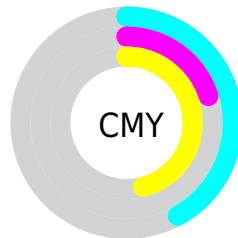
- Red (58%)
- Green (80%)
- Blue (54%)



- Red (54%)
- Yellow (80%)
- Blue (76%)



- Cyan (27%)
- Magenta (0%)
- Yellow (33%)
- Black (20%)



- Cyan (42%)
- Magenta (20%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RGB color 149, 205, 138 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 149, 205, 138 by changing the saturation by 10% instead.

 149, 205, 138


255, 255, 255

 204, 255, 192


 233, 255, 220

 255, 255, 249

 149, 205, 138

 122, 177, 112

 96, 150, 87

 71, 124, 63

 45, 99, 40

 18, 75, 17

 0, 51, 0

 0, 33, 0


 0, 0, 0

 149, 205, 138

 149, 205, 138

 132, 205, 118

 166, 205, 159

 115, 205, 97

 183, 205, 179

 98, 205, 77

 200, 205, 200

 80, 205, 56

 218, 205, 220

 63, 205, 35

 235, 205, 241

 46, 205, 15

 252, 205, 255

 34, 205, 0

 255, 205, 255

Harmonies

Analogous

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



193, 196, 116



149, 205, 138



99, 210, 173

Triad

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



149, 205, 138



107, 199, 255



255, 161, 169

Complementary

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



149, 205, 138



194, 138, 205

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, 162, 208



149, 205, 138



172, 186, 255

Square

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



149, 205, 138



33, 208, 247



224, 172, 242



255, 170, 135

Rectangle

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



149, 205, 138



60, 211, 200



224, 172, 242



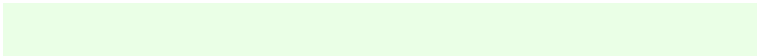
255, 161, 182

Sweetspot

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



149, 205, 138



234, 255, 230



205, 194, 138



115, 128, 112



0, 0, 0



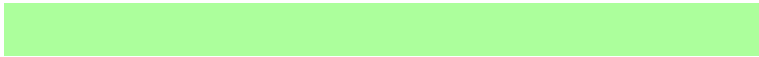
128, 128, 128

Same Dimension

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



149, 205, 138



172, 255, 156



138, 205, 160



93, 102, 92



27, 166, 0



6, 38, 0

Inverse Universe

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



194, 138, 205



239, 156, 255



205, 138, 183



100, 92, 102



139, 0, 166



32, 0, 38

Previews

White Background



This preview shows how the RGB color 149, 205, 138 looks on a white background.

Color Contrast Check

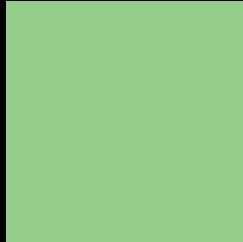
Large Text (above 18pt) WCAG AA × Fail

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 149, 205, 138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

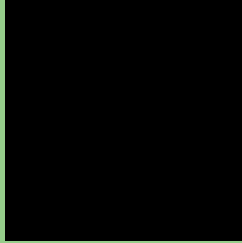
Any Text WCAG AA ✓ Pass

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 149, 205, 138 Background



This preview shows how black text looks on a background with the RGB color 149, 205, 138.



This preview shows how white text looks on a background with the RGB color 149, 205, 138.

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](#).

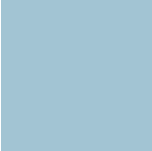
Dichromacy



Original Color
149, 205, 138

Protanopia
205, 190, 132

Deuteranopia
224, 182, 143



Tritanopia
162, 196, 211

Trichromacy



Original Color

149, 205, 138



Protanomaly

185, 195, 134



Deuteranomaly

197, 190, 141



Tritanomaly

157, 199, 184

Monochromacy



Original Color

149, 205, 138



Achromatopsia

181, 181, 181



Achromatomaly

169, 190, 165

CSS Examples

Text

The CSS property to change the color of the text to RGB 149, 205, 138 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(149, 205, 138)` looks like.

```
.text, #text, p{  
    color:rgb(149, 205, 138)  
}
```

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(149, 205, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 205, 138) }
```

Border

The CSS property to change the border of an element to RGB 149, 205, 138 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(149, 205, 138) }
```

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

```
.border{ border-color:rgb(149, 205, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 205, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 205, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 205, 138);  
box-shadow:4px 4px 4px 4px rgb(149, 205,  
138) }
```

Background

The CSS property to change the background color of an element to RGB 149, 205, 138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 205, 138) }
```

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

```
.background{ background-color: rgb(149,  
205, 138) }
```

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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