

# Converting Colors

RGB(154, 205, 149)

Have a look what the booklet for  
RGB(154, 205, 149) contains.

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# **Color**

**RGB(154, 205, 149)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9ACD95
RGB	154, 205, 149
RGB Percent	60%, 80%, 58%
CMY	0.3961, 0.1961, 0.4157
CMYK	0.25, 0.00, 0.27, 0.20
HSL	115°, 36%, 69%
HSV	115°, 27%, 80%
XYZ	40.5826, 52.7026, 36.4675
YIQ	183.3670, -12.4200, -28.2280

# Conversions

## Conversions Part 2

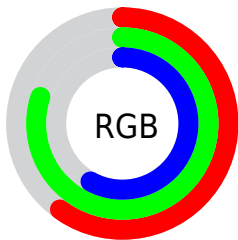
<b>Format</b>	<b>Color</b>
<b>RYB</b>	149, 205, 200
Decimal	10145173
CIELab	77.70, -27.37, 22.66
CIElCh	78, 35.532, 140.382
Yxy	52.7026, 0.3128, 0.4062
Android (android.graphics.Color)	4288335253 (0xFF9ACD95)
YUV	183.3670, -16.9429, -25.7549
Hunter-Lab	72.5966, -27.2598, 21.0344

# Details

The RGB color **154, 205, 149** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **200, 149, 205**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **209, 255, 203**, and **101, 151, 98** is the 20% darker color. If you saturate the color by 10%, you get **135, 205, 129**, and if you desaturate by 10%, it is **173, 205, 170**.

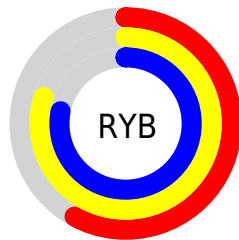
# Distribution



Red (60%)

Green (80%)

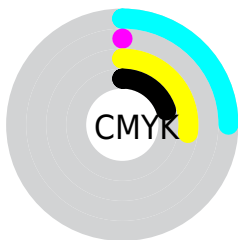
Blue (58%)



Red (58%)

Yellow (80%)

Blue (78%)

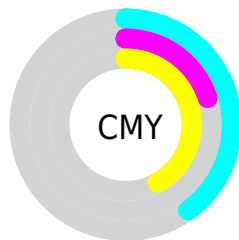


Cyan (25%)

Magenta (0%)

Yellow (27%)

Black (20%)



Cyan (40%)

Magenta (20%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 154, 205, 149 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 154, 205, 149 by changing the saturation by 10% instead.




 154, 205, 149


255, 255, 255

 209, 255, 203

 238, 255, 232

 154, 205, 149

 127, 177, 123


 101, 151, 98

 76, 124, 74

 52, 99, 51

 27, 75, 28

 0, 52, 5

 0, 32, 0

 0, 0, 0


 154, 205, 149

 154, 205, 149

 135, 205, 129

 173, 205, 170

 117, 205, 108

 191, 205, 190

 98, 205, 88

 210, 205, 211

 79, 205, 67

 229, 205, 231

 61, 205, 47

 247, 205, 252

 42, 205, 26

 255, 205, 255

 23, 205, 6

 18, 205, 0

# Harmonies

## Analogous

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



192, 197, 129



154, 205, 149



115, 209, 180

# Triad

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



154, 205, 149



131, 198, 255



255, 168, 171

# Complementary

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



154, 205, 149



200, 149, 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.



250, 168, 204



154, 205, 149



181, 187, 254

# Square

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



154, 205, 149



88, 206, 242



224, 176, 234



248, 175, 143

# Rectangle

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



154, 205, 149



91, 210, 203



224, 176, 234



255, 167, 182

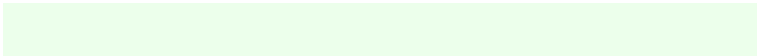


# Sweetspot

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



154, 205, 149



236, 255, 235



205, 199, 149



116, 128, 115



0, 0, 0



128, 128, 128

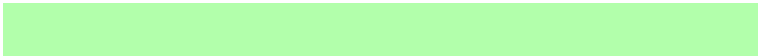


# Same Dimension

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



154, 205, 149



178, 255, 171



149, 205, 171



93, 102, 92



15, 166, 0



3, 38, 0



# Inverse Universe

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



200, 149, 205



247, 171, 255



205, 149, 183



101, 92, 102



151, 0, 166



35, 0, 38



# Previews

## White Background



This preview shows how the RGB color 154, 205, 149 looks on a white background.

## Color Contrast Check

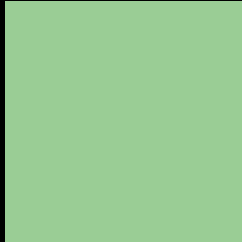
Large Text (above 18pt) WCAG AA × Fail

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 154, 205, 149 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

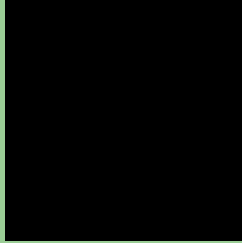
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 154, 205, 149 Background



This preview shows how black text looks on a background with the RGB color 154, 205, 149.



This preview shows how white text looks on a background with the RGB color 154, 205, 149.

# 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**  
154, 205, 149

**Protanopia**  
205, 191, 143

**Deuteranopia**  
223, 184, 154



**Tritanopia**  
165, 197, 212

# Trichromacy



**Original Color**  
154, 205, 149

**Protanomaly**  
186, 196, 145

**Deuteranomaly**  
198, 192, 152

**Tritanomaly**  
161, 200, 189

# Monochromacy



**Original Color**  
154, 205, 149

**Achromatopsia**  
183, 183, 183

**Achromatomaly**  
172, 191, 171

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 154, 205, 149 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(154, 205, 149)` looks like.

```
.text, #text, p{  
    color:rgb(154, 205, 149)  
}
```

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(154, 205, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 205, 149) }
```

## Border

The CSS property to change the border of an element to RGB 154, 205, 149 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(154, 205, 149) }
```

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

```
.border{ border-color:rgb(154, 205, 149) }
```

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

Here you see how a box with a 4 pixel rgb(154, 205, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 205, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 205, 149);  
box-shadow:4px 4px 4px 4px rgb(154, 205,  
149) }
```

# Background

The CSS property to change the background color of an element to RGB 154, 205, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 205, 149) }
```

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

```
.background{ background-color: rgb(154,  
205, 149) }
```

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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