

Converting Colors

RGB(154, 205, 154)

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

RGB(154, 205, 154)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(154, 205, 154)

Conversions

Conversions Part 1

Format	Color
Hex	9ACD9A
RGB	154, 205, 154
RGB Percent	60%, 80%, 60%
CMY	0.3961, 0.1961, 0.3961
CMYK	0.25, 0.00, 0.25, 0.20
HSL	120°, 34%, 70%
HSV	120°, 25%, 80%
XYZ	40.9905, 52.8658, 38.6155
YIQ	183.9370, -14.0250, -26.6730

Conversions

Conversions Part 2

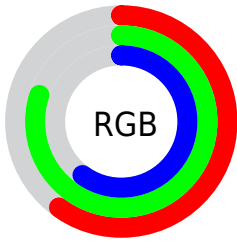
Format	Color
RYB	154, 205, 205
Decimal	10145178
CIELab	77.80, -26.53, 20.15
CIELCh	78, 33.314, 142.784
Yxy	52.8658, 0.3094, 0.3991
Android (android.graphics.Color)	4288335258 (0xFF9ACD9A)
YUV	183.9370, -14.7589, -26.2547
Hunter-Lab	72.7088, -26.6090, 19.4074

Details

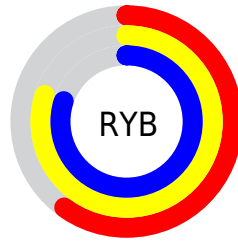
The RGB color **154, 205, 154** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **205, 154, 205**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **209, 255, 209**, and **102, 151, 103** is the 20% darker color. If you saturate the color by 10%, you get **133, 205, 133**, and if you desaturate by 10%, it is **174, 205, 174**.

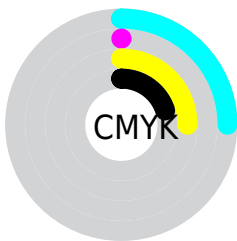
Distribution



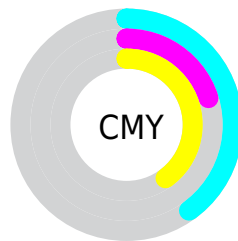
- Red (60%)
- Green (80%)
- Blue (60%)



- Red (60%)
- Yellow (80%)
- Blue (80%)



- Cyan (25%)
- Magenta (0%)
- Yellow (25%)
- Black (20%)



- Cyan (40%)
- Magenta (20%)
- Yellow (40%)

Brightness & Saturation Gradients

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


 154, 205, 154


255, 255, 255


 209, 255, 209

 238, 255, 237

 154, 205, 154

 127, 177, 128

 102, 151, 103

 76, 124, 78

 52, 99, 55

 27, 75, 33

 0, 52, 11

 0, 32, 0

 0, 0, 0

 154, 205, 154

 154, 205, 154

 133, 205, 133

 174, 205, 174

 113, 205, 113

 195, 205, 195

 92, 205, 92

 215, 205, 215

 72, 205, 72

 236, 205, 236

 51, 205, 51

 255, 205, 255

 31, 205, 31

 10, 205, 10

 0, 205, 0

Harmonies

Analogous

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



190, 198, 135



154, 205, 154



118, 209, 183

Triad

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



154, 205, 154



140, 197, 253



254, 170, 170

Complementary

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



154, 205, 154



205, 154, 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.



248, 170, 201



154, 205, 154



186, 187, 249

Square

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



154, 205, 154



101, 205, 241



225, 176, 230



244, 177, 144

Rectangle

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



154, 205, 154



99, 209, 205



225, 176, 230



254, 169, 180

Sweetspot

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



154, 205, 154



237, 255, 237



205, 205, 154



117, 128, 117



0, 0, 0



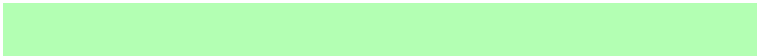
128, 128, 128

Same Dimension

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



154, 205, 154



179, 255, 179



154, 205, 180



92, 102, 92



0, 166, 0



0, 38, 0

Inverse Universe

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



205, 154, 205



255, 179, 255



205, 154, 180



102, 92, 102



166, 0, 166



38, 0, 38

Previews

White Background



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

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

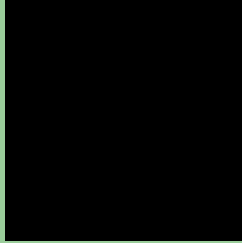
Any Text WCAG AA ✓ Pass

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, 154 Background



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

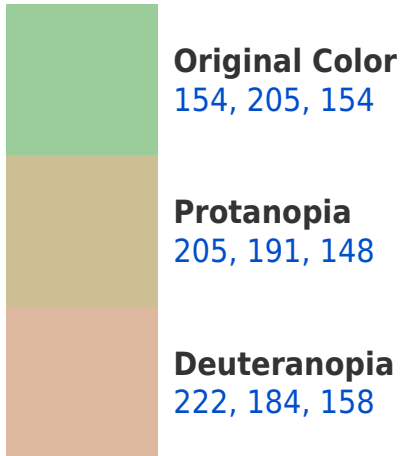


This preview shows how white text looks on a background with the RGB color 154, 205, 154.

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
164, 197, 213

Trichromacy



Original Color
154, 205, 154

Protanomaly
186, 196, 150

Deuteranomaly
197, 192, 157

Tritanomaly
160, 200, 192

Monochromacy



Original Color
154, 205, 154

Achromatopsia
184, 184, 184

Achromatomaly
173, 192, 173

CSS Examples

Text

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

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

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, 154) colored shadow looks like.

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

Border

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

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

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

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, 154)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to RGB 154, 205, 154 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, 154) }
```

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor