

Converting Colors

RGB(149, 214, 149)

Have a look what the booklet for
RGB(149, 214, 149) contains.

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Color

RGB(149, 214, 149)

Conversions

Conversions Part 1

Format	Color
Hex	95D695
RGB	149, 214, 149
RGB Percent	58%, 84%, 58%
CMY	0.4157, 0.1608, 0.4157
CMYK	0.30, 0.00, 0.30, 0.16
HSL	120°, 44%, 71%
HSV	120°, 30%, 84%
XYZ	41.8658, 56.6526, 37.1623
YIQ	187.1550, -17.8750, -33.9950

Conversions

Conversions Part 2

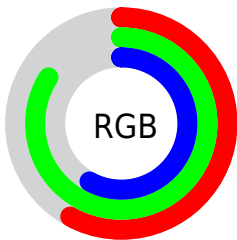
Format	Color
RYB	149, 214, 214
Decimal	9819797
CIELab	79.98, -33.29, 25.72
CIELCh	80, 42.070, 142.311
Yxy	56.6526, 0.3086, 0.4175
Android (android.graphics.Color)	4288009877 (0xFF95D695)
YUV	187.1550, -18.8104, -33.4619
Hunter-Lab	75.2679, -32.4330, 23.4141

Details

The RGB color **149, 214, 149** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **214, 149, 214**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **205, 255, 203**, and **96, 159, 98** is the 20% darker color. If you saturate the color by 10%, you get **128, 214, 128**, and if you desaturate by 10%, it is **170, 214, 170**.

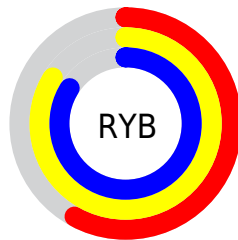
Distribution



Red (58%)

Green (84%)

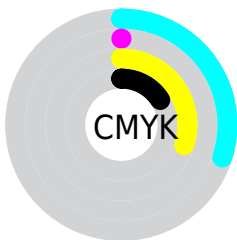
Blue (58%)



Red (58%)

Yellow (84%)

Blue (84%)

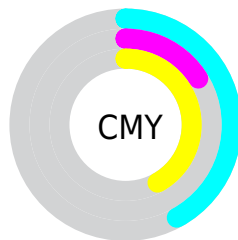


Cyan (30%)

Magenta (0%)

Yellow (30%)

Black (16%)



Cyan (42%)

Magenta (16%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 149, 214, 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 149, 214, 149 by changing the saturation by 10% instead.

 149, 214, 149


255, 255, 255

 205, 255, 203


 233, 255, 232

 149, 214, 149

 122, 186, 123

 96, 159, 98

 70, 132, 73

 44, 107, 50

 14, 82, 28

 0, 58, 4

 0, 37, 0

 0, 0, 0

 149, 214, 149

 149, 214, 149

 128, 214, 128

 170, 214, 170

 106, 214, 106

 192, 214, 192

 85, 214, 85

 213, 214, 213

 63, 214, 63

 235, 214, 235

 42, 214, 42

 255, 214, 255

 21, 214, 21

 0, 214, 0

Harmonies

Analogous

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



194, 205, 124



149, 214, 149



97, 219, 186

Triad

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



149, 214, 149



124, 205, 255



255, 169, 170

Complementary

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



149, 214, 149



214, 149, 214

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, 169, 210



149, 214, 149



188, 192, 255

Square

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



149, 214, 149



53, 215, 255



238, 178, 247



255, 179, 138

Rectangle

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



149, 214, 149



59, 219, 214



238, 178, 247



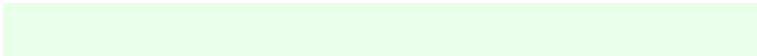
255, 168, 183

Sweetspot

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



149, 214, 149



232, 255, 232



214, 214, 149



113, 128, 113



0, 0, 0



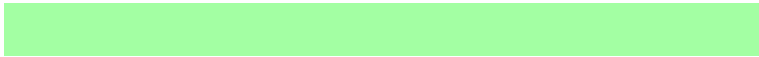
128, 128, 128

Same Dimension

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



149, 214, 149



163, 255, 163



149, 214, 182



96, 107, 96



0, 171, 0



0, 43, 0

Inverse Universe

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



214, 149, 214



255, 163, 255



214, 149, 182



107, 96, 107



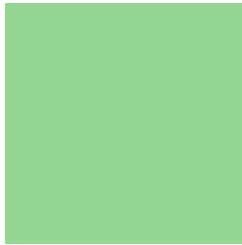
171, 0, 171



43, 0, 43

Previews

White Background



This preview shows how the RGB color 149, 214, 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 149, 214, 149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

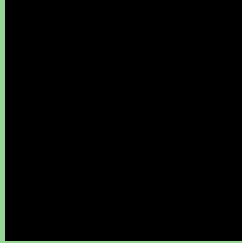
Any Text WCAG AA ✓ Pass

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 149, 214, 149 Background



This preview shows how black text looks on a background with the RGB color 149, 214, 149.

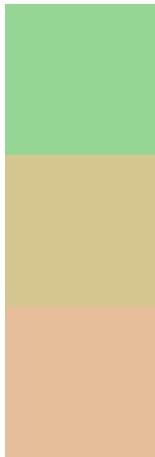


This preview shows how white text looks on a background with the RGB color 149, 214, 149.

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
149, 214, 149

Protanopia
213, 197, 142

Deuteranopia
231, 190, 154



Tritanopia
162, 205, 221

Trichromacy



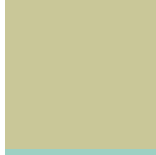
Original Color

149, 214, 149



Protanomaly

190, 203, 145



Deuteranomaly

201, 199, 152



Tritanomaly

157, 208, 195

Monochromacy



Original Color

149, 214, 149



Achromatopsia

187, 187, 187



Achromatomaly

173, 197, 173

CSS Examples

Text

The CSS property to change the color of the text to RGB 149, 214, 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(149, 214, 149)` looks like.

```
.text, #text, p{  
    color:rgb(149, 214, 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(149, 214, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 214, 149) }
```

Border

The CSS property to change the border of an element to RGB 149, 214, 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(149, 214, 149) }
```

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

```
.border{ border-color:rgb(149, 214, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 214, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 214, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 214, 149);  
box-shadow:4px 4px 4px 4px rgb(149, 214,  
149) }
```

Background

The CSS property to change the background color of an element to RGB 149, 214, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 214, 149) }
```

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

```
.background{ background-color: rgb(149,  
214, 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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