

Converting Colors

RGB(159, 214, 124)

Have a look what the booklet for
RGB(159, 214, 124) contains.

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Color

RGB(159, 214, 124)

Conversions

Conversions Part 1

Format	Color
Hex	9FD67C
RGB	159, 214, 124
RGB Percent	62%, 84%, 49%
CMY	0.3765, 0.1608, 0.5137
CMYK	0.26, 0.00, 0.42, 0.16
HSL	97°, 52%, 66%
HSV	97°, 42%, 84%
XYZ	41.9827, 56.9193, 27.8426
YIQ	187.2950, -3.8900, -39.6500

Conversions

Conversions Part 2

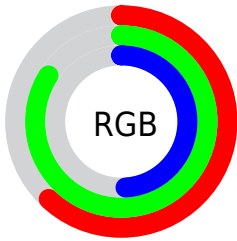
Format	Color
RYB	124, 214, 179
Decimal	10475132
CIELab	80.13, -33.59, 38.80
CIElCh	80, 51.320, 130.877
Yxy	56.9193, 0.3312, 0.4491
Android (android.graphics.Color)	4288665212 (0xFF9FD67C)
YUV	187.2950, -31.2044, -24.8147
Hunter-Lab	75.4449, -32.6988, 30.9307

Details

The RGB color **159, 214, 124** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **179, 124, 214**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **215, 255, 178**, and **105, 159, 73** is the 20% darker color. If you saturate the color by 10%, you get **146, 214, 103**, and if you desaturate by 10%, it is **172, 214, 145**.

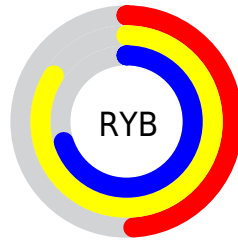
Distribution



Red (62%)

Green (84%)

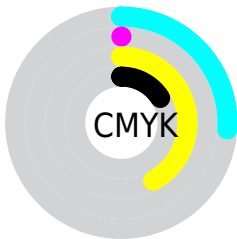
Blue (49%)



Red (49%)

Yellow (84%)

Blue (70%)

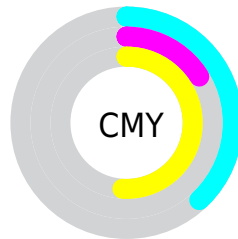


Cyan (26%)

Magenta (0%)

Yellow (42%)

Black (16%)



Cyan (38%)

Magenta (16%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RGB color 159, 214, 124 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 159, 214, 124 by changing the saturation by 10% instead.

 159, 214, 124

255, 255, 255


 215, 255, 178


 244, 255, 206

 255, 255, 234

 159, 214, 124

 132, 186, 98

 105, 159, 73

 79, 133, 49

 53, 107, 23

 25, 82, 0

 0, 59, 0

 0, 38, 0

 0, 1, 0


 0, 0, 0

 159, 214, 124


 159, 214, 124

 146, 214, 103

 172, 214, 145

 133, 214, 81

 185, 214, 167

 120, 214, 60


 198, 214, 188

 107, 214, 38

 211, 214, 210

 94, 214, 17

 224, 214, 231

 83, 214, 0

 237, 214, 252

 251, 214, 255

 255, 214, 255

Harmonies

Analogous

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



211, 202, 102



159, 214, 124



92, 221, 166

Triad

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



159, 214, 124



18, 212, 255



255, 160, 183

Complementary

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



159, 214, 124



179, 124, 214

Split Complementary

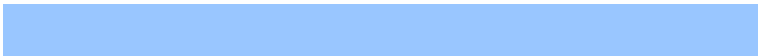
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 164, 231



159, 214, 124



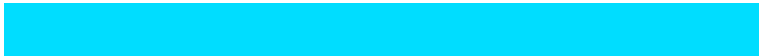
153, 198, 255

Square

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



159, 214, 124



0, 221, 255



226, 180, 255



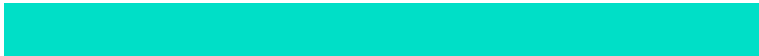
255, 169, 138

Rectangle

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



159, 214, 124



0, 223, 199



226, 180, 255



255, 159, 199

Sweetspot

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



159, 214, 124



235, 255, 222



214, 178, 124



115, 128, 107



0, 0, 0



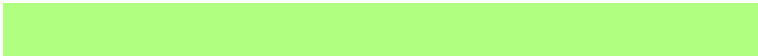
128, 128, 128

Same Dimension

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



159, 214, 124



177, 255, 128



124, 214, 133



101, 107, 96



66, 171, 0



17, 43, 0

Inverse Universe

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



179, 124, 214



205, 128, 255



214, 124, 205



103, 96, 107



104, 0, 171



26, 0, 43

Previews

White Background



This preview shows how the RGB color 159, 214, 124 looks on a white background.

Color Contrast Check

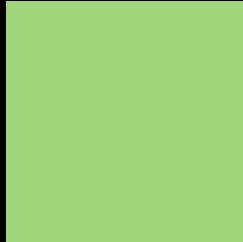
Large Text (above 18pt) WCAG AA × Fail

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 159, 214, 124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

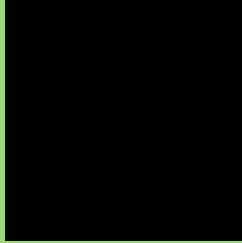
Any Text WCAG AA ✓ Pass

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 159, 214, 124 Background



This preview shows how black text looks on a background with the RGB color 159, 214, 124.



This preview shows how white text looks on a background with the RGB color 159, 214, 124.

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
159, 214, 124

Protanopia
217, 198, 118

Deuteranopia
238, 189, 130



Tritanopia
174, 203, 219

Trichromacy



Original Color
159, 214, 124

Protanomaly
196, 204, 120

Deuteranomaly
209, 198, 128

Tritanomaly
169, 207, 184

Monochromacy



Original Color
159, 214, 124

Achromatopsia
187, 187, 187

Achromatomaly
177, 197, 164

CSS Examples

Text

The CSS property to change the color of the text to RGB 159, 214, 124 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(159, 214, 124)` looks like.

```
.text, #text, p{  
    color:rgb(159, 214, 124)  
}
```

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(159, 214, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 214, 124) }
```

Border

The CSS property to change the border of an element to RGB 159, 214, 124 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(159, 214, 124) }
```

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

```
.border{ border-color:rgb(159, 214, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 214, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 214, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 214, 124);  
box-shadow:4px 4px 4px 4px rgb(159, 214,  
124) }
```

Background

The CSS property to change the background color of an element to RGB 159, 214, 124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 214, 124) }
```

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

```
.background{ background-color: rgb(159,  
214, 124) }
```

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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