

Converting Colors

RGB(159, 194, 145)

Have a look what the booklet for
RGB(159, 194, 145) contains.

RGB(159, 194, 145)	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(159, 194, 145)

Conversions

Conversions Part 1

Format	Color
Hex	9FC291
RGB	159, 194, 145
RGB Percent	62%, 76%, 57%
CMY	0.3765, 0.2392, 0.4314
CMYK	0.18, 0.00, 0.25, 0.24
HSL	103°, 29%, 66%
HSV	103°, 25%, 76%
XYZ	38.7007, 47.9988, 34.0130
YIQ	177.9490, -5.1310, -22.6590

Conversions

Conversions Part 2

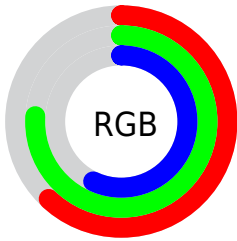
Format	Color
RYB	145, 194, 180
Decimal	10470033
CIELab	74.82, -20.89, 20.89
CIELCh	75, 29.543, 135.002
Yxy	47.9988, 0.3206, 0.3976
Android (android.graphics.Color)	4288660113 (0xFF9FC291)
YUV	177.9490, -16.2439, -16.6183
Hunter-Lab	69.2812, -21.5314, 19.3889

Details

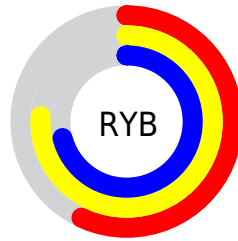
The RGB color **159, 194, 145** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **180, 145, 194**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **214, 251, 199**, and **107, 140, 94** is the 20% darker color. If you saturate the color by 10%, you get **145, 194, 126**, and if you desaturate by 10%, it is **173, 194, 164**.

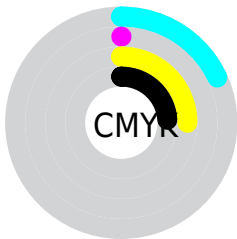
Distribution



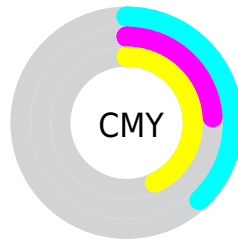
- Red (62%)
- Green (76%)
- Blue (57%)



- Red (57%)
- Yellow (76%)
- Blue (71%)



- Cyan (18%)
- Magenta (0%)
- Yellow (25%)
- Black (24%)



- Cyan (38%)
- Magenta (24%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RGB color 159, 194, 145 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, 194, 145 by changing the saturation by 10% instead.


 159, 194, 145

255, 255, 255


 214, 251, 199

 243, 255, 227

 159, 194, 145

 133, 167, 119

 107, 140, 94

 82, 115, 70

 58, 90, 47

 35, 66, 26

 13, 44, 1

 0, 25, 0


 0, 0, 0

 159, 194, 145

 159, 194, 145


 145, 194, 126

 173, 194, 164

 131, 194, 106


 187, 194, 184


 117, 194, 87

 201, 194, 203


 104, 194, 67


 214, 194, 223

 90, 194, 48


 228, 194, 242

 76, 194, 29

 242, 194, 255

 62, 194, 9

 255, 194, 255

 55, 194, 0

Harmonies

Analogous

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



190, 187, 131



159, 194, 145



128, 198, 169

Triad

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



159, 194, 145



130, 191, 236



239, 164, 171

Complementary

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



159, 194, 145



180, 145, 194

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.



229, 166, 199



159, 194, 145



169, 182, 236

Square

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



159, 194, 145



103, 197, 222



205, 173, 223



234, 169, 147

Rectangle

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



159, 194, 145



111, 199, 188



205, 173, 223



238, 164, 181

Sweetspot

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



159, 194, 145



238, 252, 232



194, 179, 145



118, 128, 115



0, 0, 0



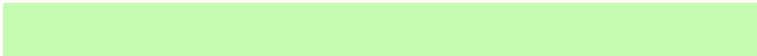
128, 128, 128

Same Dimension

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



159, 194, 145



198, 252, 177



145, 194, 155



90, 97, 87



46, 161, 0



9, 33, 0

Inverse Universe

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



180, 145, 194



231, 177, 252



194, 145, 184



94, 87, 97



115, 0, 161



24, 0, 33

Previews

White Background



This preview shows how the RGB color 159, 194, 145 looks on a white background.

Color Contrast Check

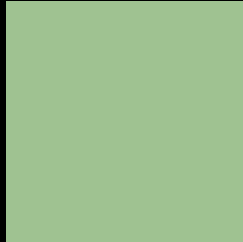
Large Text (above 18pt) WCAG AA × Fail

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, 194, 145 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, 194, 145 Background



This preview shows how black text looks on a background with the RGB color 159, 194, 145.



This preview shows how white text looks on a background with the RGB color 159, 194, 145.

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](#).

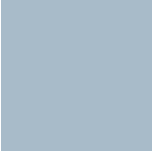
Dichromacy



Original Color
159, 194, 145

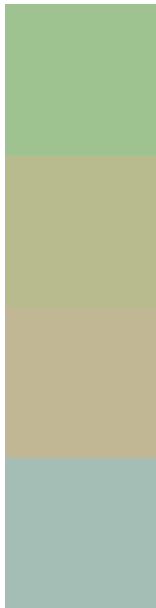
Protanopia
196, 183, 140

Deuteranopia
213, 176, 149



Tritanopia
168, 187, 201

Trichromacy



Original Color

159, 194, 145

Protanomaly

183, 187, 142

Deuteranomaly

193, 183, 148

Tritanomaly

165, 190, 181

Monochromacy



Original Color

159, 194, 145

Achromatopsia

178, 178, 178

Achromatomaly

171, 184, 166

CSS Examples

Text

The CSS property to change the color of the text to RGB 159, 194, 145 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, 194, 145)` looks like.

```
.text, #text, p{  
    color:rgb(159, 194, 145)  
}
```

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, 194, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 194, 145) }
```

Border

The CSS property to change the border of an element to RGB 159, 194, 145 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, 194, 145) }
```

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

```
.border{ border-color:rgb(159, 194, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 194, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 194, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 194, 145); box-shadow:4px 4px 4px 4px rgb(159, 194, 145) }
```

Background

The CSS property to change the background color of an element to RGB 159, 194, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 194, 145) }
```

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

```
.background{ background-color: rgb(159,  
194, 145) }
```

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