

Converting Colors

RGB(193, 222, 149)

Have a look what the booklet for
RGB(193, 222, 149) contains.

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Color

RGB(193, 222, 149)

Conversions

Conversions Part 1

Format	Color
Hex	C1DE95
RGB	193, 222, 149
RGB Percent	76%, 87%, 58%
CMY	0.2431, 0.1294, 0.4157
CMYK	0.13, 0.00, 0.33, 0.13
HSL	84°, 53%, 73%
HSV	84°, 33%, 87%
XYZ	53.5384, 65.7499, 38.3030
YIQ	205.0070, 6.1490, -28.8510

Conversions

Conversions Part 2

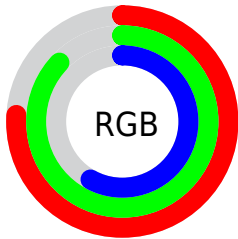
Format	Color
RYB	149, 222, 178
Decimal	12705429
CIELab	84.87, -21.85, 32.73
CIELCh	85, 39.349, 123.725
Yxy	65.7499, 0.3397, 0.4172
Android (android.graphics.Color)	4290895509 (0xFFC1DE95)
YUV	205.0070, -27.6115, -10.5301
Hunter-Lab	81.0863, -24.0439, 28.7534

Details

The RGB color **193, 222, 149** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **178, 149, 222**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **250, 255, 204**, and **138, 167, 97** is the 20% darker color. If you saturate the color by 10%, you get **184, 222, 127**, and if you desaturate by 10%, it is **202, 222, 171**.

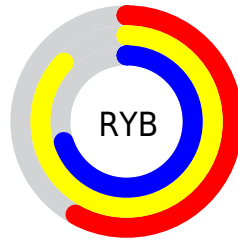
Distribution



Red (76%)

Green (87%)

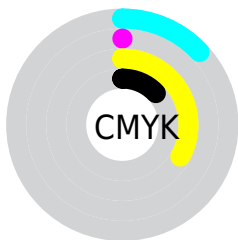
Blue (58%)



Red (58%)

Yellow (87%)

Blue (70%)

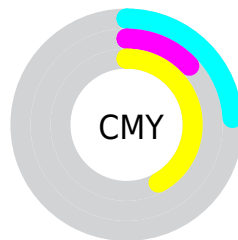


Cyan (13%)

Magenta (0%)

Yellow (33%)

Black (13%)



Cyan (24%)

Magenta (13%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 193, 222, 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 193, 222, 149 by changing the saturation by 10% instead.


 193, 222, 149

255, 255, 255


 250, 255, 204


 255, 255, 232

 193, 222, 149

 165, 194, 123


 138, 167, 97

 112, 140, 73

 87, 115, 49

 62, 90, 25

 38, 66, 0

 15, 44, 0

 0, 26, 0

 0, 0, 0

■ 193, 222, 149

■ 193, 222, 149

■ 184, 222, 127

■ 202, 222, 171

■ 175, 222, 105

■ 211, 222, 193

■ 167, 222, 82

■ 219, 222, 216

■ 158, 222, 60

■ 228, 222, 238

■ 149, 222, 38

■ 237, 222, 255

■ 140, 222, 16

■ 246, 222, 255

■ 134, 222, 0

■ 255, 222, 255

■ 255, 222, 255

Harmonies

Analogous

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



233, 211, 137



193, 222, 149



149, 229, 178

Triad

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



193, 222, 149



111, 225, 255



255, 184, 209

Complementary

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



193, 222, 149



178, 149, 222

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, 189, 246



193, 222, 149



168, 214, 255

Square

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



193, 222, 149



81, 231, 252



223, 201, 255



255, 188, 172

Rectangle

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



193, 222, 149



119, 232, 203



223, 201, 255



255, 184, 221

Sweetspot

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



193, 222, 149



245, 255, 230



222, 177, 149



121, 128, 112



0, 0, 0



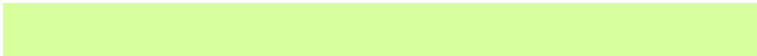
128, 128, 128

Same Dimension

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



193, 222, 149



215, 255, 156



158, 222, 149



108, 112, 101



106, 176, 0



29, 48, 0

Inverse Universe

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



178, 149, 222



195, 156, 255



213, 149, 222



105, 101, 112



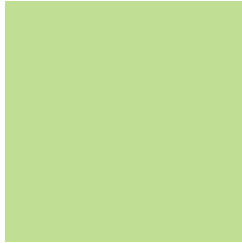
70, 0, 176



19, 0, 48

Previews

White Background



This preview shows how the RGB color 193, 222, 149 looks on a white background.

Color Contrast Check

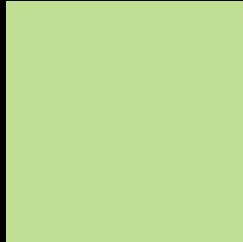
Large Text (above 18pt) WCAG AA × Fail

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 193, 222, 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 193, 222, 149 Background



This preview shows how black text looks on a background with the RGB color 193, 222, 149.

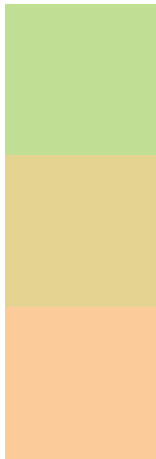


This preview shows how white text looks on a background with the RGB color 193, 222, 149.

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
193, 222, 149

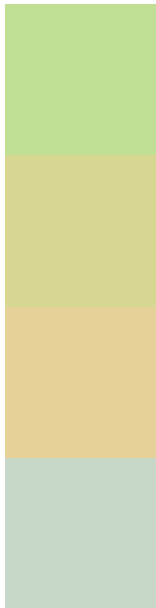
Protanopia
229, 211, 145

Deuteranopia
251, 203, 153



Tritanopia
204, 212, 229

Trichromacy



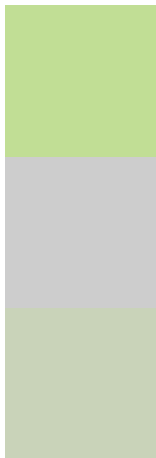
Original Color
193, 222, 149

Protanomaly
216, 215, 146

Deuteranomaly
230, 210, 152

Tritanomaly
200, 216, 200

Monochromacy



Original Color
193, 222, 149

Achromatopsia
205, 205, 205

Achromatomaly
201, 211, 185

CSS Examples

Text

The CSS property to change the color of the text to RGB 193, 222, 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(193, 222, 149)` looks like.

```
.text, #text, p{  
    color:rgb(193, 222, 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(193, 222, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 222, 149) }
```

Border

The CSS property to change the border of an element to RGB 193, 222, 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(193, 222, 149) }
```

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

```
.border{ border-color:rgb(193, 222, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 222, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 222, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 222, 149); box-shadow:4px 4px 4px 4px rgb(193, 222, 149) }
```

Background

The CSS property to change the background color of an element to RGB 193, 222, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 222, 149) }
```

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

```
.background{ background-color: rgb(193,  
222, 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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