

Converting Colors

RGB(194, 226, 162)

Have a look what the booklet for
RGB(194, 226, 162) contains.

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Color

RGB(194, 226, 162)

Conversions

Conversions Part 1

Format	Color
Hex	C2E2A2
RGB	194, 226, 162
RGB Percent	76%, 89%, 64%
CMY	0.2392, 0.1137, 0.3647
CMYK	0.14, 0.00, 0.28, 0.11
HSL	90°, 52%, 76%
HSV	90°, 28%, 89%
XYZ	55.9661, 68.4707, 44.4489
YIQ	209.1360, 1.4720, -26.6880

Conversions

Conversions Part 2

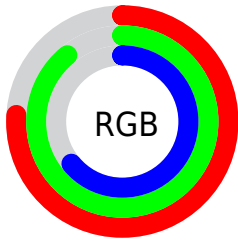
Format	Color
RYB	162, 226, 194
Decimal	12772002
CIELab	86.24, -21.61, 27.91
CIELCh	86, 35.303, 127.750
Yxy	68.4707, 0.3314, 0.4054
Android (android.graphics.Color)	4290962082 (0xFFC2E2A2)
YUV	209.1360, -23.2380, -13.2743
Hunter-Lab	82.7470, -24.0785, 26.0744

Details

The RGB color **194, 226, 162** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **194, 162, 226**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **251, 255, 217**, and **140, 171, 110** is the 20% darker color. If you saturate the color by 10%, you get **183, 226, 139**, and if you desaturate by 10%, it is **205, 226, 185**.

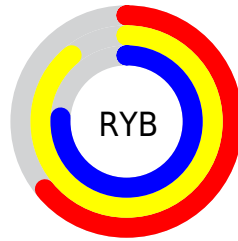
Distribution



Red (76%)

Green (89%)

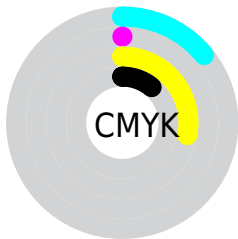
Blue (64%)



Red (64%)

Yellow (89%)

Blue (76%)

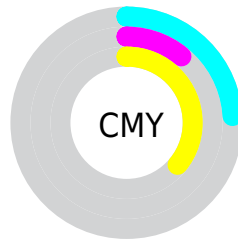


Cyan (14%)

Magenta (0%)

Yellow (28%)

Black (11%)



Cyan (24%)

Magenta (11%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 194, 226, 162 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 194, 226, 162 by changing the saturation by 10% instead.


 194, 226, 162


255, 255, 255

 251, 255, 217


 255, 255, 246

 194, 226, 162


 166, 198, 136

 140, 171, 110

 114, 144, 85

 88, 118, 61

 64, 93, 38

 40, 70, 15

 20, 47, 0

 0, 28, 0

 0, 0, 0

 194, 226, 162


 194, 226, 162

 183, 226, 139

 205, 226, 185

 171, 226, 117


 217, 226, 207

 160, 226, 94


 228, 226, 230

 149, 226, 72


 239, 226, 252


 138, 226, 49

 251, 226, 255

 126, 226, 26

 255, 226, 255

 115, 226, 4

 113, 226, 0

Harmonies

Analogous

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



231, 216, 149



194, 226, 162



155, 232, 189

Triad

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



194, 226, 162



137, 226, 255



255, 191, 208

Complementary

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



194, 226, 162



194, 162, 226

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, 194, 242



194, 226, 162



185, 216, 255

Square

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



194, 226, 162



110, 232, 255



232, 204, 255



255, 195, 176

Rectangle

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



194, 226, 162



131, 234, 212



232, 204, 255



255, 191, 220

Sweetspot

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



194, 226, 162



245, 255, 235



226, 194, 162



121, 128, 115



0, 0, 0



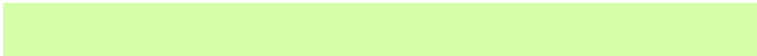
128, 128, 128

Same Dimension

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



194, 226, 162



212, 255, 168



162, 226, 162



107, 112, 101



88, 176, 0



24, 48, 0

Inverse Universe

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



194, 162, 226



212, 168, 255



226, 162, 226



107, 101, 112



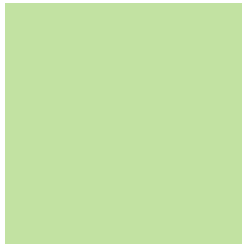
88, 0, 176



24, 0, 48

Previews

White Background



This preview shows how the RGB color 194, 226, 162 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 194, 226, 162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

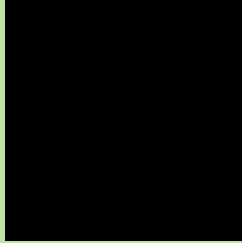
Any Text WCAG AA ✓ Pass

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 194, 226, 162 Background



This preview shows how black text looks on a background with the RGB color 194, 226, 162.



This preview shows how white text looks on a background with the RGB color 194, 226, 162.

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
205, 217, 234

Trichromacy



Original Color

194, 226, 162



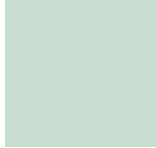
Protanomaly

218, 219, 159



Deuteranomaly

232, 214, 165



Tritanomaly

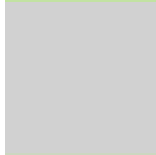
201, 220, 208

Monochromacy



Original Color

194, 226, 162



Achromatopsia

209, 209, 209



Achromatomaly

204, 215, 192

CSS Examples

Text

The CSS property to change the color of the text to RGB 194, 226, 162 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(194, 226, 162)` looks like.

```
.text, #text, p{  
    color:rgb(194, 226, 162)  
}
```

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(194, 226, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 226, 162) }
```

Border

The CSS property to change the border of an element to RGB 194, 226, 162 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(194, 226, 162) }
```

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

```
.border{ border-color:rgb(194, 226, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 226, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 226, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 226, 162); box-shadow:4px 4px 4px 4px rgb(194, 226, 162) }
```

Background

The CSS property to change the background color of an element to RGB 194, 226, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 226, 162) }
```

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

```
.background{ background-color: rgb(194,  
226, 162) }
```

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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