

Converting Colors

RGB(194, 225, 101)

Have a look what the booklet for
RGB(194, 225, 101) contains.

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Color

RGB(194, 225, 101)

Conversions

Conversions Part 1

Format	Color
Hex	C2E165
RGB	194, 225, 101
RGB Percent	76%, 88%, 40%
CMY	0.2392, 0.1176, 0.6039
CMYK	0.14, 0.00, 0.55, 0.12
HSL	75°, 67%, 64%
HSV	75°, 55%, 88%
XYZ	51.5223, 66.2593, 22.3857
YIQ	201.5950, 21.3280, -45.1360

Conversions

Conversions Part 2

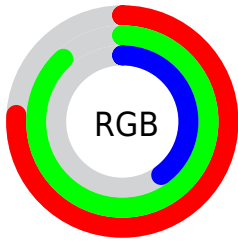
Format	Color
RYB	101, 225, 132
Decimal	12771685
CIELab	85.13, -28.22, 56.32
CIELCh	85, 62.991, 116.611
Yxy	66.2593, 0.3676, 0.4727
Android (android.graphics.Color)	4290961765 (0xFFC2E165)
YUV	201.5950, -49.5933, -6.6608
Hunter-Lab	81.3998, -29.4675, 40.6746

Details

The RGB color **194, 225, 101** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **132, 101, 225**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **252, 255, 155**, and **138, 170, 47** is the 20% darker color. If you saturate the color by 10%, you get **188, 225, 78**, and if you desaturate by 10%, it is **200, 225, 123**.

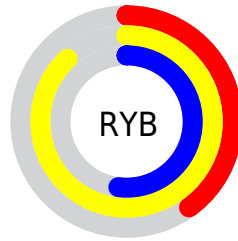
Distribution



Red (76%)

Green (88%)

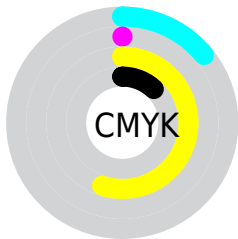
Blue (40%)



Red (40%)

Yellow (88%)

Blue (52%)

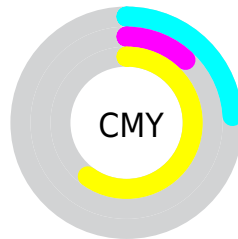


Cyan (14%)

Magenta (0%)

Yellow (55%)

Black (12%)



Cyan (24%)

Magenta (12%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RGB color 194, 225, 101 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, 225, 101 by changing the saturation by 10% instead.

 194, 225, 101

255, 255, 255

 252, 255, 155

 255, 255, 183

 255, 255, 212

 255, 255, 241

 194, 225, 101

 166, 197, 74

 138, 170, 47

 110, 143, 13

 84, 117, 0

 58, 93, 0

 30, 69, 0

 0, 46, 0

 0, 27, 0

 0, 0, 0

194, 225, 101

194, 225, 101

188, 225, 78

200, 225, 123

183, 225, 56

205, 225, 146

177, 225, 33

211, 225, 169

172, 225, 11

217, 225, 191

169, 225, 0

222, 225, 214

228, 225, 236

233, 225, 255

239, 225, 255

245, 225, 255

Harmonies

Analogous

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



253, 207, 89



194, 225, 101



119, 237, 144

Triad

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



194, 225, 101



0, 235, 255



255, 162, 222

Complementary

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



194, 225, 101



132, 101, 225

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, 176, 255



194, 225, 101



72, 221, 255

Square

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



194, 225, 101



0, 242, 255



205, 200, 255



255, 166, 163

Rectangle

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



194, 225, 101



0, 241, 183



205, 200, 255



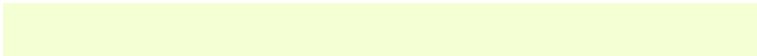
255, 165, 242

Sweetspot

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



194, 225, 101



244, 255, 212



225, 132, 101



121, 128, 102



0, 0, 0



128, 128, 128

Same Dimension

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



194, 225, 101



213, 255, 87



132, 225, 101



109, 112, 101



132, 176, 0



36, 48, 0

Inverse Universe

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



132, 101, 225



129, 87, 255



194, 101, 225



104, 101, 112



44, 0, 176



12, 0, 48

Previews

White Background



This preview shows how the RGB color 194, 225, 101 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, 225, 101 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, 225, 101 Background



This preview shows how black text looks on a background with the RGB color 194, 225, 101.



This preview shows how white text looks on a background with the RGB color 194, 225, 101.

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
194, 225, 101

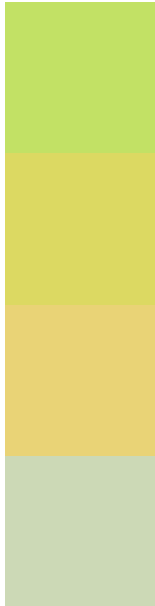
Protanopia
235, 212, 97

Deuteranopia
255, 203, 128



Tritanopia
209, 212, 228

Trichromacy



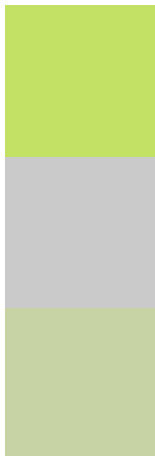
Original Color
194, 225, 101

Protanomaly
220, 217, 98

Deuteranomaly
233, 211, 118

Tritanomaly
204, 217, 182

Monochromacy



Original Color
194, 225, 101

Achromatopsia
202, 202, 202

Achromatomaly
199, 210, 165

CSS Examples

Text

The CSS property to change the color of the text to RGB 194, 225, 101 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, 225, 101)` looks like.

```
.text, #text, p{  
    color:rgb(194, 225, 101)  
}
```

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, 225, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 225, 101) }
```

Border

The CSS property to change the border of an element to RGB 194, 225, 101 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, 225, 101) }
```

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

```
.border{ border-color:rgb(194, 225, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 225, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 225, 101); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 225, 101); box-shadow:4px 4px 4px 4px rgb(194, 225, 101) }
```

Background

The CSS property to change the background color of an element to RGB 194, 225, 101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 225, 101) }
```

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

```
.background{ background-color: rgb(194,  
225, 101) }
```

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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