

Converting Colors

RGB(194, 222, 110)

Have a look what the booklet for
RGB(194, 222, 110) contains.

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Color

RGB(194, 222, 110)

Conversions

Conversions Part 1

Format	Color
Hex	C2DE6E
RGB	194, 222, 110
RGB Percent	76%, 87%, 43%
CMY	0.2392, 0.1294, 0.5686
CMYK	0.13, 0.00, 0.50, 0.13
HSL	75°, 63%, 65%
HSV	75°, 50%, 87%
XYZ	51.1839, 64.8377, 24.5691
YIQ	200.8600, 19.2640, -40.7680

Conversions

Conversions Part 2

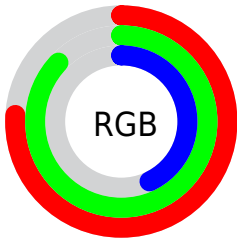
Format	Color
RYB	110, 222, 138
Decimal	12770926
CIELab	84.40, -25.97, 51.34
CIELCh	84, 57.538, 116.831
Yxy	64.8377, 0.3641, 0.4612
Android (android.graphics.Color)	4290961006 (0xFFC2DE6E)
YUV	200.8600, -44.7940, -6.0162
Hunter-Lab	80.5218, -27.4493, 38.2745

Details

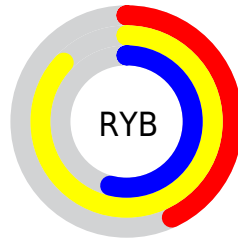
The RGB color **194, 222, 110** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **138, 110, 222**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **252, 255, 164**, and **138, 167, 58** is the 20% darker color. If you saturate the color by 10%, you get **188, 222, 88**, and if you desaturate by 10%, it is **200, 222, 132**.

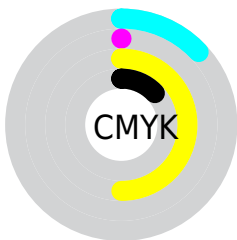
Distribution



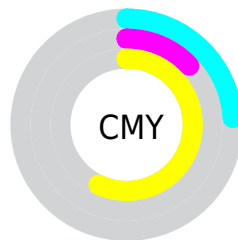
- Red (76%)
- Green (87%)
- Blue (43%)



- Red (43%)
- Yellow (87%)
- Blue (54%)



- Cyan (13%)
- Magenta (0%)
- Yellow (50%)
- Black (13%)



















- Cyan (24%)
- Magenta (13%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RGB color 194, 222, 110 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, 222, 110 by changing the saturation by 10% instead.

 194, 222, 110	 194, 222, 110
 255, 255, 255	 166, 194, 84
 252, 255, 164	 138, 167, 58
 255, 255, 192	 111, 140, 30
 255, 255, 220	 85, 115, 0
 255, 255, 249	 59, 90, 0
	 33, 66, 0
	 3, 44, 0
	 0, 24, 0
	 0, 0, 0

194, 222, 110

194, 222, 110

188, 222, 88

200, 222, 132

183, 222, 66

205, 222, 154

177, 222, 43

211, 222, 177

172, 222, 21

216, 222, 199

167, 222, 0

222, 222, 221

227, 222, 243

233, 222, 255

238, 222, 255

244, 222, 255

Harmonies

Analogous

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



248, 206, 99



194, 222, 110



127, 233, 149

Triad

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



194, 222, 110



0, 231, 255



255, 166, 219

Complementary

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



194, 222, 110



138, 110, 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, 178, 255



194, 222, 110



99, 218, 255

Square

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



194, 222, 110



0, 238, 255



206, 199, 255



255, 169, 165

Rectangle

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



194, 222, 110



58, 237, 184



206, 199, 255



255, 168, 237

Sweetspot

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



194, 222, 110



245, 255, 217



222, 138, 110



122, 128, 105



0, 0, 0



128, 128, 128

Same Dimension

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



194, 222, 110



216, 255, 99



138, 222, 110



109, 112, 101



132, 176, 0



36, 48, 0

Inverse Universe

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



138, 110, 222



138, 99, 255



194, 110, 222



104, 101, 112



44, 0, 176



12, 0, 48

Previews

White Background



This preview shows how the RGB color 194, 222, 110 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, 222, 110 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, 222, 110 Background



This preview shows how black text looks on a background with the RGB color 194, 222, 110.

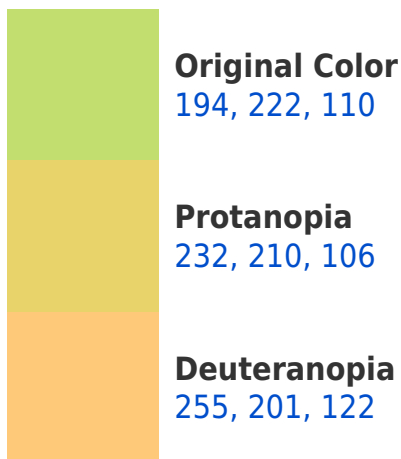


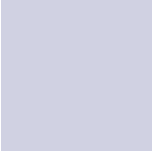
This preview shows how white text looks on a background with the RGB color 194, 222, 110.

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
208, 209, 226

Trichromacy



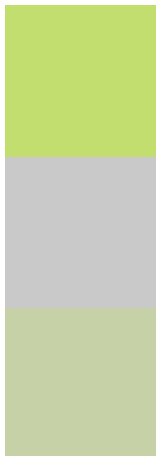
Original Color
194, 222, 110

Protanomaly
218, 214, 107

Deuteranomaly
233, 209, 118

Tritanomaly
203, 214, 184

Monochromacy



Original Color
194, 222, 110

Achromatopsia
201, 201, 201

Achromatomaly
198, 209, 168

CSS Examples

Text

The CSS property to change the color of the text to RGB 194, 222, 110 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, 222, 110)` looks like.

```
.text, #text, p{  
    color:rgb(194, 222, 110)  
}
```

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, 222, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 222, 110) }
```

Border

The CSS property to change the border of an element to RGB 194, 222, 110 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, 222, 110) }
```

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

```
.border{ border-color:rgb(194, 222, 110) }
```

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

Here you see how a box with a 4 pixel rgb(194, 222, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 222, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 222, 110);  
box-shadow:4px 4px 4px 4px rgb(194, 222,  
110) }
```

Background

The CSS property to change the background color of an element to RGB 194, 222, 110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 222, 110) }
```

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

```
.background{ background-color: rgb(194,  
222, 110) }
```

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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