

Converting Colors

RGB(195, 218, 71)

Have a look what the booklet for
RGB(195, 218, 71) contains.

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Color

RGB(195, 218, 71)

Conversions

Conversions Part 1

Format	Color
Hex	C3DA47
RGB	195, 218, 71
RGB Percent	76%, 85%, 28%
CMY	0.2353, 0.1451, 0.7216
CMYK	0.11, 0.00, 0.67, 0.15
HSL	69°, 67%, 57%
HSV	69°, 67%, 85%
XYZ	48.7144, 62.1998, 15.3995
YIQ	194.3650, 33.4790, -50.5930

Conversions

Conversions Part 2

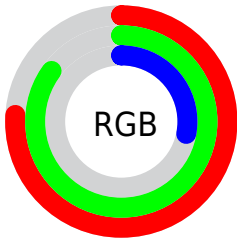
Format	Color
RYB	71, 218, 94
Decimal	12835399
CIELab	83.02, -26.67, 66.52
CIElCh	83, 71.668, 111.848
Yxy	62.1998, 0.3857, 0.4924
Android (android.graphics.Color)	4291025479 (0xFFC3DA47)
YUV	194.3650, -60.8189, 0.5569
Hunter-Lab	78.8669, -27.7613, 43.6299

Details

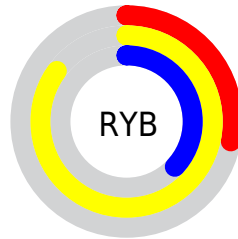
The RGB color **195, 218, 71** is a light color, and the websafe version is hex **C3C333**. The color can be described as light muted yellow. A complement of this color would be **94, 71, 218**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **254, 255, 127**, and **138, 163, 0** is the 20% darker color. If you saturate the color by 10%, you get **192, 218, 49**, and if you desaturate by 10%, it is **198, 218, 93**.

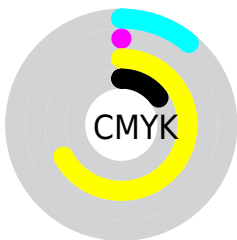
Distribution



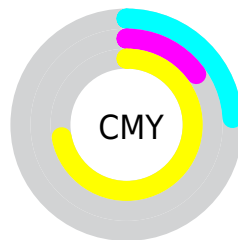
- Red (76%)
- Green (85%)
- Blue (28%)



- Red (28%)
- Yellow (85%)
- Blue (37%)



- Cyan (11%)
- Magenta (0%)
- Yellow (67%)
- Black (15%)




















- Cyan (24%)
- Magenta (15%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the RGB color 195, 218, 71 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 195, 218, 71 by changing the saturation by 10% instead.

 195, 218, 71	 195, 218, 71
 255, 255, 255	 166, 190, 40
 254, 255, 127	 138, 163, 0
 255, 255, 155	 110, 137, 0
 255, 255, 183	 83, 111, 0
 255, 255, 212	 56, 87, 0
 255, 255, 241	 28, 64, 0
	 0, 41, 0
	 0, 18, 0
	 0, 0, 0

195, 218, 71

195, 218, 71

192, 218, 49

198, 218, 93

188, 218, 27

202, 218, 115

185, 218, 6

205, 218, 136

184, 218, 0

209, 218, 158

212, 218, 180

215, 218, 202

219, 218, 224

222, 218, 245

226, 218, 255

Harmonies

Analogous

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



255, 197, 64



195, 218, 71



111, 232, 119

Triad

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



195, 218, 71



0, 234, 255



255, 147, 228

Complementary

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



195, 218, 71



94, 71, 218

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, 168, 255



195, 218, 71



0, 220, 255

Square

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



195, 218, 71



0, 239, 255



176, 196, 255



255, 149, 161

Rectangle

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



195, 218, 71



0, 237, 162



176, 196, 255



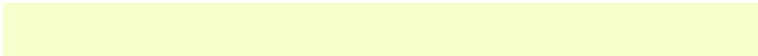
255, 152, 250

Sweetspot

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



195, 218, 71



247, 255, 204



218, 93, 71



123, 128, 97



0, 0, 0



128, 128, 128

Same Dimension

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



195, 218, 71



223, 255, 48



122, 218, 71



108, 110, 99



146, 173, 0



39, 46, 0

Inverse Universe

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



94, 71, 218



81, 48, 255



167, 71, 218



100, 99, 110



27, 0, 173



7, 0, 46

Previews

White Background



This preview shows how the RGB color 195, 218, 71 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 195, 218, 71 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 195, 218, 71 Background



This preview shows how black text looks on a background with the RGB color 195, 218, 71.

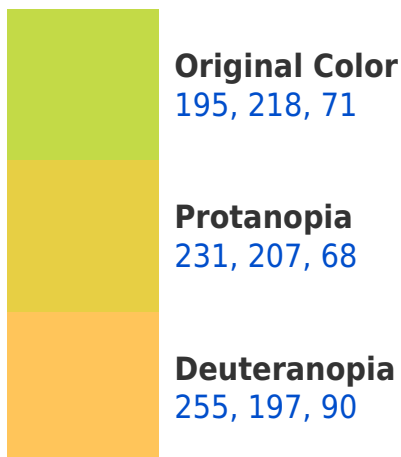


This preview shows how white text looks on a background with the RGB color 195, 218, 71.

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
210, 204, 220

Trichromacy



Original Color
195, 218, 71

Protanomaly
218, 211, 69

Deuteranomaly
233, 205, 83

Tritanomaly
205, 209, 166

Monochromacy



Original Color
195, 218, 71

Achromatopsia
194, 194, 194

Achromatomaly
194, 203, 149

CSS Examples

Text

The CSS property to change the color of the text to RGB 195, 218, 71 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(195, 218, 71)` looks like.

```
.text, #text, p{  
    color:rgb(195, 218, 71)  
}
```

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(195, 218, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 218, 71) }
```

Border

The CSS property to change the border of an element to RGB 195, 218, 71 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(195, 218, 71) }
```

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

```
.border{ border-color:rgb(195, 218, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 218, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 218, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 218, 71);  
box-shadow:4px 4px 4px 4px rgb(195, 218,  
71) }
```

Background

The CSS property to change the background color of an element to RGB 195, 218, 71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 218, 71) }
```

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

```
.background{ background-color: rgb(195,  
218, 71) }
```

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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