

Converting Colors

RGB(167, 208, 70)

Have a look what the booklet for
RGB(167, 208, 70) contains.

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Color

RGB(167, 208, 70)

Conversions

Conversions Part 1

Format	Color
Hex	A7D046
RGB	167, 208, 70
RGB Percent	65%, 82%, 27%
CMY	0.3451, 0.1843, 0.7255
CMYK	0.20, 0.00, 0.66, 0.18
HSL	78°, 59%, 55%
HSV	78°, 66%, 82%
XYZ	39.5977, 53.7694, 14.0859
YIQ	180.0090, 19.8620, -51.6100

Conversions

Conversions Part 2

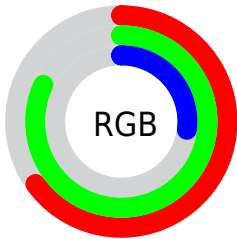
Format	Color
RYB	70, 208, 111
Decimal	10997830
CIELab	78.33, -33.15, 61.48
CIElCh	78, 69.848, 118.332
Yxy	53.7694, 0.3685, 0.5004
Android (android.graphics.Color)	4289187910 (0xFFA7D046)
YUV	180.0090, -54.2344, -11.4089
Hunter-Lab	73.3276, -31.9315, 39.9400

Details

The RGB color **167, 208, 70** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **111, 70, 208**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **225, 255, 125**, and **111, 153, 0** is the 20% darker color. If you saturate the color by 10%, you get **161, 208, 49**, and if you desaturate by 10%, it is **173, 208, 91**.

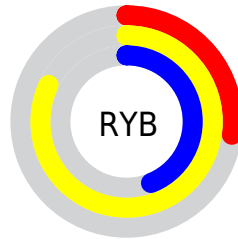
Distribution



Red (65%)

Green (82%)

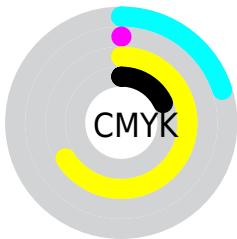
Blue (27%)



Red (27%)

Yellow (82%)

Blue (44%)

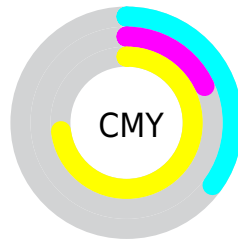


Cyan (20%)

Magenta (0%)

Yellow (66%)

Black (18%)



Cyan (35%)

















Magenta (18%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the RGB color 167, 208, 70 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 167, 208, 70 by changing the saturation by 10% instead.

 167, 208, 70	 167, 208, 70
 255, 255, 255	 139, 180, 41
 225, 255, 125	 111, 153, 0
 255, 255, 153	 84, 127, 0
 255, 255, 181	 57, 102, 0
 255, 255, 209	 27, 78, 0
 255, 255, 238	 0, 54, 0
	 0, 35, 0
	 0, 0, 0

 167, 208, 70  167, 208, 70

■ 161, 208, 49

■ 173, 208, 91

■ 155, 208, 28

■ 179, 208, 112

■ 148, 208, 8

■ 186, 208, 132

■ 146, 208, 0

■ 192, 208, 153

■ 198, 208, 174

■ 204, 208, 195

■ 210, 208, 216

■ 216, 208, 236

■ 223, 208, 255

Harmonies

Analogous

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



231, 189, 52



167, 208, 70



74, 219, 122

Triad

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



167, 208, 70



0, 218, 255



255, 134, 200

Complementary

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



167, 208, 70



111, 70, 208

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, 151, 255



167, 208, 70



0, 202, 255

Square

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



167, 208, 70



0, 224, 254



188, 178, 255



255, 141, 136

Rectangle

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



167, 208, 70



0, 224, 165



188, 178, 255



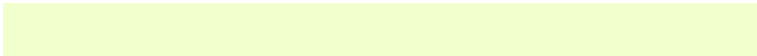
255, 137, 222

Sweetspot

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



167, 208, 70



240, 255, 204



208, 109, 70



118, 128, 97



0, 0, 0



128, 128, 128

Same Dimension

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



167, 208, 70



194, 255, 51



100, 208, 70



101, 105, 94



118, 168, 0



29, 41, 0

Inverse Universe

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



111, 70, 208



112, 51, 255



178, 70, 208



97, 94, 105



50, 0, 168



12, 0, 41

Previews

White Background



This preview shows how the RGB color 167, 208, 70 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 167, 208, 70 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 167, 208, 70 Background



This preview shows how black text looks on a background with the RGB color 167, 208, 70.

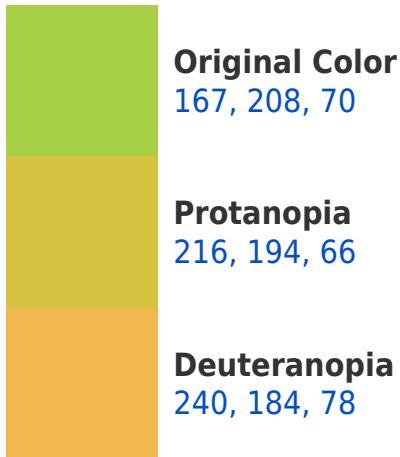


This preview shows how white text looks on a background with the RGB color 167, 208, 70.

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
183, 194, 210

Trichromacy



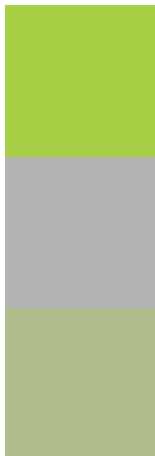
Original Color
167, 208, 70

Protanomaly
198, 199, 67

Deuteranomaly
213, 193, 75

Tritanomaly
177, 199, 159

Monochromacy



Original Color
167, 208, 70

Achromatopsia
180, 180, 180

Achromatomaly
175, 190, 140

CSS Examples

Text

The CSS property to change the color of the text to RGB 167, 208, 70 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(167, 208, 70)` looks like.

```
.text, #text, p{  
    color:rgb(167, 208, 70)  
}
```

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(167, 208, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 208, 70) }
```

Border

The CSS property to change the border of an element to RGB 167, 208, 70 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(167, 208, 70) }
```

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

```
.border{ border-color:rgb(167, 208, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 208, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 208, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 208, 70);  
box-shadow:4px 4px 4px 4px rgb(167, 208,  
70) }
```

Background

The CSS property to change the background color of an element to RGB 167, 208, 70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 208, 70) }
```

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

```
.background{ background-color: rgb(167,  
208, 70) }
```

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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