

Converting Colors

RGB(174, 218, 104)

Have a look what the booklet for
RGB(174, 218, 104) contains.

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Color

RGB(174, 218, 104)

Conversions

Conversions Part 1

Format	Color
Hex	AEDA68
RGB	174, 218, 104
RGB Percent	68%, 85%, 41%
CMY	0.3176, 0.1451, 0.5922
CMYK	0.20, 0.00, 0.52, 0.15
HSL	83°, 61%, 63%
HSV	83°, 52%, 85%
XYZ	45.0257, 60.1410, 22.3320
YIQ	191.8480, 10.3700, -44.7820

Conversions

Conversions Part 2

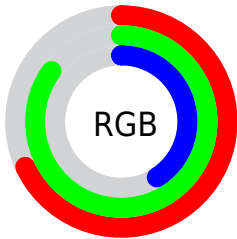
Format	Color
RYB	104, 218, 148
Decimal	11459176
CIELab	81.91, -32.27, 50.87
CIElCh	82, 60.246, 122.392
Yxy	60.1410, 0.3531, 0.4717
Android (android.graphics.Color)	4289649256 (0xFFAEDA68)
YUV	191.8480, -43.3091, -15.6527
Hunter-Lab	77.5506, -32.0770, 37.2119

Details

The RGB color **174, 218, 104** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **148, 104, 218**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **231, 255, 158**, and **119, 163, 51** is the 20% darker color. If you saturate the color by 10%, you get **166, 218, 82**, and if you desaturate by 10%, it is **182, 218, 126**.

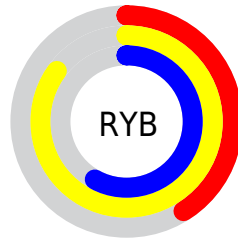
Distribution



Red (68%)

Green (85%)

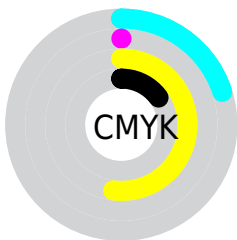
Blue (41%)



Red (41%)

Yellow (85%)

Blue (58%)

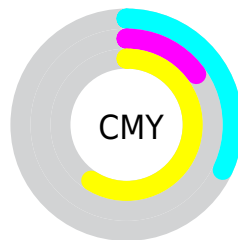


Cyan (20%)

Magenta (0%)

Yellow (52%)

Black (15%)



Cyan (32%)

Magenta (15%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RGB color 174, 218, 104 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 174, 218, 104 by changing the saturation by 10% instead.

 174, 218, 104

255, 255, 255

 231, 255, 158

 255, 255, 186


 255, 255, 214

 255, 255, 243

 174, 218, 104

 146, 190, 78

 119, 163, 51

 92, 136, 23

 66, 111, 0

 39, 86, 0

 6, 62, 0

 0, 40, 0

 0, 13, 0

 0, 0, 0

 174, 218, 104

 174, 218, 104

 166, 218, 82


 182, 218, 126

 157, 218, 60

 191, 218, 148

 149, 218, 39

 199, 218, 169

 140, 218, 17

 208, 218, 191

 134, 218, 0

 216, 218, 213

 224, 218, 235

 233, 218, 255

 241, 218, 255

 250, 218, 255

Harmonies

Analogous

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



232, 202, 86



174, 218, 104



97, 228, 149

Triad

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



174, 218, 104



0, 223, 255



255, 155, 201

Complementary

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



174, 218, 104



148, 104, 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, 166, 255



174, 218, 104



107, 208, 255

Square

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



174, 218, 104



0, 231, 255



213, 187, 255



255, 162, 146

Rectangle

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



174, 218, 104



0, 231, 187



213, 187, 255



255, 157, 221

Sweetspot

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



174, 218, 104



239, 255, 214



218, 148, 104



118, 128, 103



0, 0, 0



128, 128, 128

Same Dimension

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



174, 218, 104



193, 255, 94



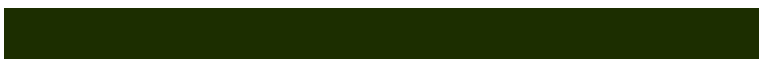
117, 218, 104



105, 110, 99



106, 173, 0



28, 46, 0

Inverse Universe

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



148, 104, 218



156, 94, 255



205, 104, 218



103, 99, 110



67, 0, 173



18, 0, 46

Previews

White Background



This preview shows how the RGB color 174, 218, 104 looks on a white background.

Color Contrast Check

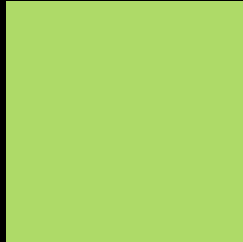
Large Text (above 18pt) WCAG AA × Fail

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 174, 218, 104 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 174, 218, 104 Background



This preview shows how black text looks on a background with the RGB color 174, 218, 104.

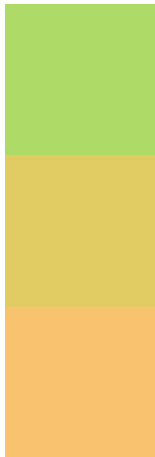


This preview shows how white text looks on a background with the RGB color 174, 218, 104.

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
174, 218, 104

Protanopia
225, 203, 99

Deuteranopia
248, 194, 110



Tritanopia
189, 205, 222

Trichromacy



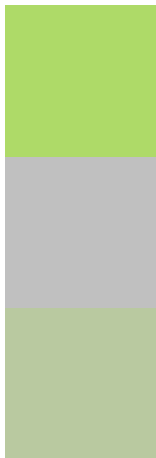
Original Color
174, 218, 104

Protanomaly
206, 208, 101

Deuteranomaly
221, 203, 108

Tritanomaly
184, 210, 179

Monochromacy



Original Color
174, 218, 104

Achromatopsia
192, 192, 192

Achromatomaly
185, 201, 160

CSS Examples

Text

The CSS property to change the color of the text to RGB 174, 218, 104 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(174, 218, 104)` looks like.

```
.text, #text, p{  
    color:rgb(174, 218, 104)  
}
```

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(174, 218, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 218, 104) }
```

Border

The CSS property to change the border of an element to RGB 174, 218, 104 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(174, 218, 104) }
```

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

```
.border{ border-color:rgb(174, 218, 104) }
```

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

Here you see how a box with a 4 pixel rgb(174, 218, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 218, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 218, 104);  
box-shadow:4px 4px 4px 4px rgb(174, 218,  
104) }
```

Background

The CSS property to change the background color of an element to RGB 174, 218, 104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 218, 104) }
```

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

```
.background{ background-color: rgb(174,  
218, 104) }
```

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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