

Converting Colors

RGB(124, 232, 118)

Have a look what the booklet for
RGB(124, 232, 118) contains.

RGB(124, 232, 118)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(124, 232, 118)

Conversions

Conversions Part 1

Format	Color
Hex	7CE876
RGB	124, 232, 118
RGB Percent	49%, 91%, 46%
CMY	0.5137, 0.0902, 0.5373
CMYK	0.47, 0.00, 0.49, 0.09
HSL	117°, 71%, 69%
HSV	117°, 49%, 91%
XYZ	40.4388, 63.3063, 27.2275
YIQ	186.7120, -27.7740, -58.3500

Conversions

Conversions Part 2

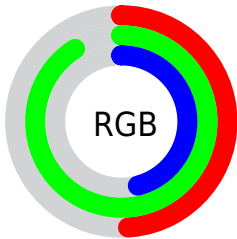
Format	Color
RYB	118, 232, 226
Decimal	8185974
CIELab	83.60, -53.26, 45.73
CIELCh	84, 70.201, 139.354
Yxy	63.3063, 0.3088, 0.4834
Android (android.graphics.Color)	4286376054 (0xFF7CE876)
YUV	186.7120, -33.8750, -54.9984
Hunter-Lab	79.5653, -48.5171, 35.4064

Details

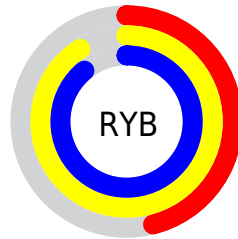
The RGB color **124, 232, 118** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **226, 118, 232**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **182, 255, 172**, and **64, 175, 66** is the 20% darker color. If you saturate the color by 10%, you get **102, 232, 95**, and if you desaturate by 10%, it is **146, 232, 141**.

Distribution



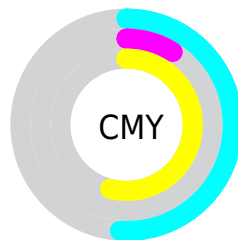
- Red (49%)
- Green (91%)
- Blue (46%)



- Red (46%)
- Yellow (91%)
- Blue (89%)



- Cyan (47%)
- Magenta (0%)
- Yellow (49%)
- Black (9%)



- Cyan (51%)
- Magenta (9%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RGB color 124, 232, 118 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 124, 232, 118 by changing the saturation by 10% instead.

 124, 232, 118

255, 255, 255

 182, 255, 172

 212, 255, 200

 241, 255, 229

 124, 232, 118


 95, 203, 92


 64, 175, 66

 26, 148, 40

 0, 122, 9

 0, 96, 0

 0, 71, 0


 0, 48, 0

 0, 21, 0

 0, 0, 0

 124, 232, 118

 124, 232, 118

 102, 232, 95

 146, 232, 141

 80, 232, 72

 168, 232, 164

 58, 232, 48

 190, 232, 188

 36, 232, 25

 212, 232, 211

 14, 232, 2

 234, 232, 234

 12, 232, 0

 255, 232, 255

Harmonies

Analogous

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



203, 218, 74



124, 232, 118



0, 239, 182

Triad

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



124, 232, 118



0, 223, 255



255, 151, 168

Complementary

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



124, 232, 118



226, 118, 232

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, 235



124, 232, 118



169, 200, 255

Square

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



124, 232, 118



0, 236, 255



255, 173, 255



255, 171, 110

Rectangle

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



124, 232, 118



0, 241, 228



255, 173, 255



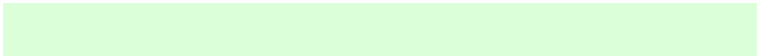
255, 148, 190

Sweetspot

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



124, 232, 118



219, 255, 217



232, 224, 118



106, 128, 105



0, 0, 0



128, 128, 128

Same Dimension

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



124, 232, 118



112, 255, 105



118, 232, 167



104, 115, 103



9, 179, 0



3, 51, 0

Inverse Universe

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



226, 118, 232



247, 105, 255



232, 118, 183



114, 103, 115



169, 0, 179



48, 0, 51

Previews

White Background



This preview shows how the RGB color 124, 232, 118 looks on a white background.

Color Contrast Check

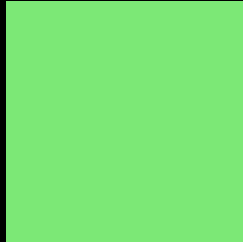
Large Text (above 18pt) WCAG AA × Fail

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 124, 232, 118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

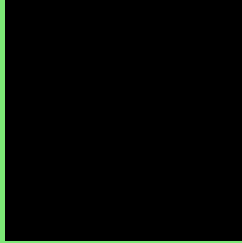
Any Text WCAG AA ✓ Pass

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 124, 232, 118 Background



This preview shows how black text looks on a background with the RGB color 124, 232, 118.

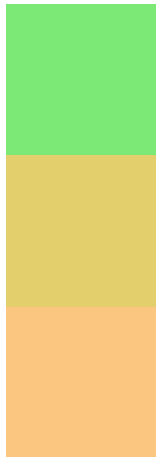


This preview shows how white text looks on a background with the RGB color 124, 232, 118.

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
124, 232, 118

Protanopia
228, 207, 109

Deuteranopia
251, 198, 127



Tritanopia
148, 219, 236

Trichromacy



Original Color

124, 232, 118



Protanomaly

190, 216, 112



Deuteranomaly

205, 210, 124



Tritanomaly

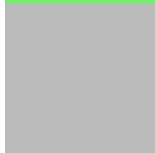
139, 224, 193

Monochromacy



Original Color

124, 232, 118



Achromatopsia

187, 187, 187



Achromatomaly

164, 203, 162

CSS Examples

Text

The CSS property to change the color of the text to RGB 124, 232, 118 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(124, 232, 118)` looks like.

```
.text, #text, p{  
    color:rgb(124, 232, 118)  
}
```

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(124, 232, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 232, 118) }
```

Border

The CSS property to change the border of an element to RGB 124, 232, 118 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(124, 232, 118) }
```

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

```
.border{ border-color:rgb(124, 232, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 232, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 232, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 232, 118);  
box-shadow:4px 4px 4px 4px rgb(124, 232,  
118) }
```

Background

The CSS property to change the background color of an element to RGB 124, 232, 118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 232, 118) }
```

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

```
.background{ background-color: rgb(124,  
232, 118) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor