

Converting Colors

RGB(97, 234, 124)

Have a look what the booklet for
RGB(97, 234, 124) contains.

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Color

RGB(97, 234, 124)

Conversions

Conversions Part 1

Format	Color
Hex	61EA7C
RGB	97, 234, 124
RGB Percent	38%, 92%, 49%
CMY	0.6196, 0.0824, 0.5137
CMYK	0.59, 0.00, 0.47, 0.08
HSL	132°, 77%, 65%
HSV	132°, 59%, 92%
XYZ	37.9907, 62.8423, 29.1962
YIQ	180.4970, -46.3420, -63.2540

Conversions

Conversions Part 2

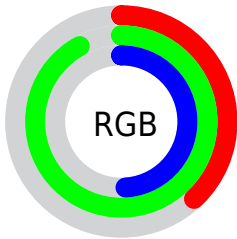
Format	Color
RYB	97, 211, 234
Decimal	6417020
CIELab	83.36, -59.96, 42.34
CIELCh	83, 73.403, 144.773
Yxy	62.8423, 0.2922, 0.4833
Android (android.graphics.Color)	4284607100 (0xFF61EA7C)
YUV	180.4970, -27.8530, -73.2269
Hunter-Lab	79.2731, -53.1840, 33.6547

Details

The RGB color **97, 234, 124** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **234, 97, 207**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **158, 255, 178**, and **12, 177, 72** is the 20% darker color. If you saturate the color by 10%, you get **74, 234, 105**, and if you desaturate by 10%, it is **120, 234, 143**.

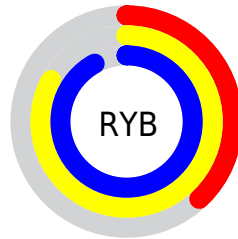
Distribution



Red (38%)

Green (92%)

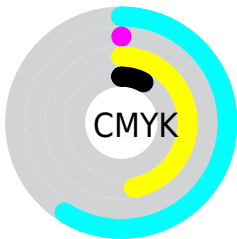
Blue (49%)



Red (38%)

Yellow (83%)

Blue (92%)

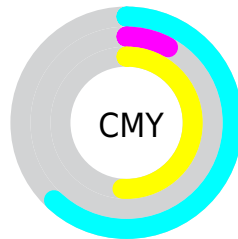


Cyan (59%)

Magenta (0%)

Yellow (47%)

Black (8%)



Cyan (62%)

















Magenta (8%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RGB color 97, 234, 124 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 97, 234, 124 by changing the saturation by 10% instead.

 97, 234, 124	 97, 234, 124
 255, 255, 255	 63, 205, 98
 158, 255, 178	 12, 177, 72
 188, 255, 206	 0, 150, 47
 218, 255, 235	 0, 123, 20
 249, 255, 255	 0, 97, 0
	 0, 71, 0
	 0, 49, 0
	 0, 20, 0
	 0, 0, 0

■ 97, 234, 124

■ 97, 234, 124

■ 74, 234, 105

■ 120, 234, 143

■ 50, 234, 86

■ 144, 234, 162

■ 27, 234, 68

■ 167, 234, 180

■ 3, 234, 49

■ 191, 234, 199

■ 0, 234, 46

■ 214, 234, 218

■ 237, 234, 237

■ 255, 234, 255

Harmonies

Analogous

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



188, 221, 71



97, 234, 124



0, 240, 193

Triad

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



97, 234, 124



0, 219, 255



255, 149, 154

Complementary

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



97, 234, 124



234, 97, 207

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, 145, 223



97, 234, 124



188, 194, 255

Square

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



97, 234, 124



0, 234, 255



255, 165, 255



255, 173, 95

Rectangle

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



97, 234, 124



0, 241, 241



255, 165, 255



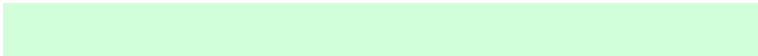
255, 145, 176

Sweetspot

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



97, 234, 124



209, 255, 218



209, 234, 97



99, 128, 105



0, 0, 0



128, 128, 128

Same Dimension

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



97, 234, 124



77, 255, 112



97, 234, 191



106, 117, 108



0, 181, 36



0, 54, 11

Inverse Universe

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



234, 97, 207



255, 77, 220



234, 97, 140



117, 106, 115



181, 0, 145



54, 0, 43

Previews

White Background



This preview shows how the RGB color 97, 234, 124 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 97, 234, 124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

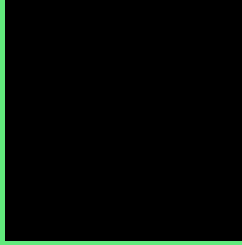
Any Text WCAG AA ✓ Pass

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 97, 234, 124 Background



This preview shows how black text looks on a background with the RGB color 97, 234, 124.

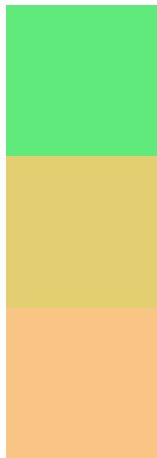


This preview shows how white text looks on a background with the RGB color 97, 234, 124.

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
97, 234, 124

Protanopia
227, 206, 114

Deuteranopia
248, 197, 133



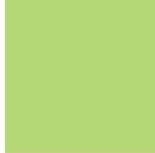
Tritanopia
127, 221, 239

Trichromacy



Original Color

97, 234, 124



Protanomaly

180, 216, 118



Deuteranomaly

193, 210, 130



Tritanomaly

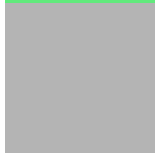
116, 226, 197

Monochromacy



Original Color

97, 234, 124



Achromatopsia

180, 180, 180



Achromatomaly

150, 200, 160

CSS Examples

Text

The CSS property to change the color of the text to RGB 97, 234, 124 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(97, 234, 124)` looks like.

```
.text, #text, p{  
    color:rgb(97, 234, 124)  
}
```

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(97, 234, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 234, 124) }
```

Border

The CSS property to change the border of an element to RGB 97, 234, 124 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(97, 234, 124) }
```

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

```
.border{ border-color:rgb(97, 234, 124) }
```

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

Here you see how a box with a 4 pixel rgb(97, 234, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 234, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 234, 124);  
box-shadow:4px 4px 4px 4px rgb(97, 234,  
124) }
```

Background

The CSS property to change the background color of an element to RGB 97, 234, 124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 234, 124) }
```

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

```
.background{ background-color: rgb(97, 234,  
124) }
```

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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