

Converting Colors

RGB(124, 241, 90)

Have a look what the booklet for
RGB(124, 241, 90) contains.

RGB(124, 241, 90)	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, 241, 90)

Conversions

Conversions Part 1

Format	Color
Hex	7CF15A
RGB	124, 241, 90
RGB Percent	49%, 95%, 35%
CMY	0.5137, 0.0549, 0.6471
CMYK	0.49, 0.00, 0.63, 0.05
HSL	106°, 84%, 65%
HSV	106°, 63%, 95%
XYZ	41.6129, 67.9339, 20.5922
YIQ	188.8030, -21.2610, -71.7650

Conversions

Conversions Part 2

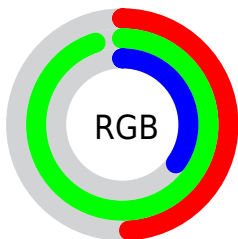
Format	Color
RYB	90, 241, 207
Decimal	8188250
CIELab	85.97, -59.88, 61.02
CIELCh	86, 85.487, 134.460
Yxy	67.9339, 0.3198, 0.5220
Android (android.graphics.Color)	4286378330 (0xFF7CF15A)
YUV	188.8030, -48.7099, -56.8322
Hunter-Lab	82.4220, -54.1180, 42.8825

Details

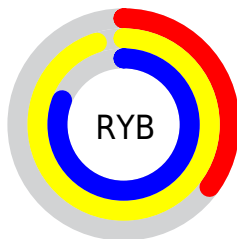
The RGB color **124, 241, 90** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **207, 90, 241**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **184, 255, 145**, and **60, 184, 30** is the 20% darker color. If you saturate the color by 10%, you get **105, 241, 66**, and if you desaturate by 10%, it is **143, 241, 114**.

Distribution



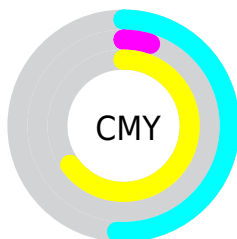
- Red (49%)
- Green (95%)
- Blue (35%)



- Red (35%)
- Yellow (95%)
- Blue (81%)



- Cyan (49%)
- Magenta (0%)
- Yellow (63%)
- Black (5%)



















- Cyan (51%)
- Magenta (5%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the RGB color 124, 241, 90 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, 241, 90 by changing the saturation by 10% instead.

 124, 241, 90	 124, 241, 90
 255, 255, 255	 93, 212, 62
 184, 255, 145	 60, 184, 30
 214, 255, 173	 8, 156, 0
 244, 255, 202	 0, 129, 0
 255, 255, 231	 0, 103, 0
	 0, 78, 0
	 0, 54, 0
	 0, 29, 0
	 0, 0, 0

■ 124, 241, 90

■ 124, 241, 90

■ 105, 241, 66

■ 143, 241, 114

■ 87, 241, 42

■ 161, 241, 138

■ 68, 241, 18

■ 180, 241, 162

■ 54, 241, 0

■ 199, 241, 186

■ 217, 241, 211

■ 236, 241, 235

■ 255, 241, 255

■ 255, 241, 255

Harmonies

Analogous

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



218, 223, 22



124, 241, 90



0, 250, 169

Triad

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



124, 241, 90



0, 236, 255



255, 136, 179

Complementary

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



124, 241, 90



207, 90, 241

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, 142, 255



124, 241, 90



122, 211, 255

Square

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



124, 241, 90



0, 249, 255



255, 176, 255



255, 162, 104

Rectangle

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



124, 241, 90



0, 253, 225



255, 176, 255



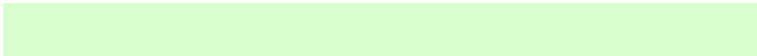
255, 134, 206

Sweetspot

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



124, 241, 90



217, 255, 207



241, 206, 90



105, 128, 98



0, 0, 0



128, 128, 128

Same Dimension

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



124, 241, 90



107, 255, 64



90, 241, 130



111, 120, 108



41, 184, 0



13, 56, 0

Inverse Universe

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



207, 90, 241



212, 64, 255



241, 90, 201



117, 108, 120



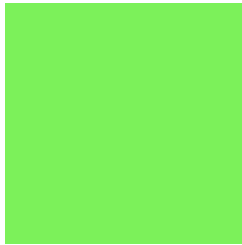
142, 0, 184



43, 0, 56

Previews

White Background



This preview shows how the RGB color 124, 241, 90 looks on a white background.

Color Contrast Check

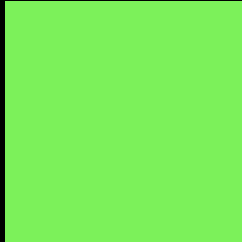
Large Text (above 18pt) WCAG AA × Fail

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, 241, 90 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

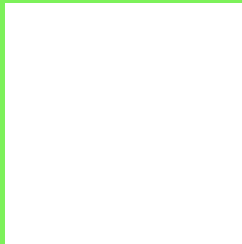
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 124, 241, 90 Background



This preview shows how black text looks on a background with the RGB color 124, 241, 90.

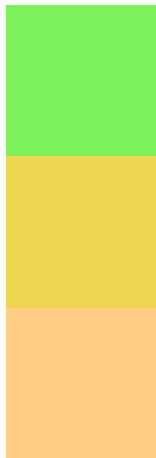


This preview shows how white text looks on a background with the RGB color 124, 241, 90.

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, 241, 90

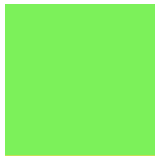
Protanopia
238, 214, 82

Deuteranopia
255, 205, 132



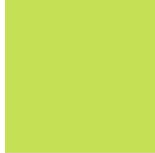
Tritanopia
153, 226, 244

Trichromacy



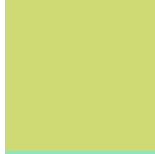
Original Color

124, 241, 90



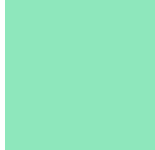
Protanomaly

197, 224, 85



Deuteranomaly

207, 218, 117



Tritanomaly

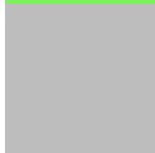
142, 231, 188

Monochromacy



Original Color

124, 241, 90



Achromatopsia

189, 189, 189



Achromatomaly

165, 208, 153

CSS Examples

Text

The CSS property to change the color of the text to RGB 124, 241, 90 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, 241, 90)` looks like.

```
.text, #text, p{  
    color:rgb(124, 241, 90)  
}
```

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, 241, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 241, 90) }
```

Border

The CSS property to change the border of an element to RGB 124, 241, 90 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, 241, 90) }
```

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

```
.border{ border-color:rgb(124, 241, 90) }
```

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

Here you see how a box with a 4 pixel rgb(124, 241, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 241, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 241, 90);  
box-shadow:4px 4px 4px 4px rgb(124, 241,  
90) }
```

Background

The CSS property to change the background color of an element to RGB 124, 241, 90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 241, 90) }
```

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

```
.background{ background-color: rgb(124,  
241, 90) }
```

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