

Converting Colors

RGB(74, 247, 138)

Have a look what the booklet for
RGB(74, 247, 138) contains.

RGB(74, 247, 138)	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(74, 247, 138)

Conversions

Conversions Part 1

Format	Color
Hex	4AF78A
RGB	74, 247, 138
RGB Percent	29%, 97%, 54%
CMY	0.7098, 0.0314, 0.4588
CMYK	0.70, 0.00, 0.44, 0.03
HSL	142°, 92%, 63%
HSV	142°, 70%, 97%
XYZ	40.6722, 69.8124, 35.3762
YIQ	182.8470, -68.1190, -70.5750

Conversions

Conversions Part 2

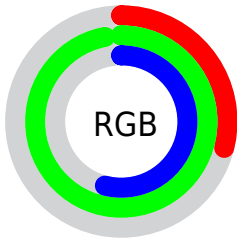
Format	Color
RYB	74, 200, 247
Decimal	4913034
CIELab	86.90, -66.77, 39.93
CIElCh	87, 77.801, 149.121
Yxy	69.8124, 0.2788, 0.4786
Android (android.graphics.Color)	4283103114 (0xFF4AF78A)
YUV	182.8470, -22.1096, -95.4588
Hunter-Lab	83.5538, -59.3290, 33.3846

Details

The RGB color **74, 247, 138** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **247, 74, 183**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **142, 255, 193**, and **0, 189, 86** is the 20% darker color. If you saturate the color by 10%, you get **49, 247, 122**, and if you desaturate by 10%, it is **99, 247, 154**.

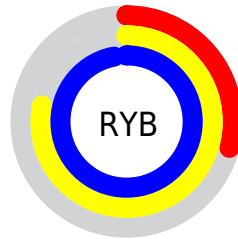
Distribution



Red (29%)

Green (97%)

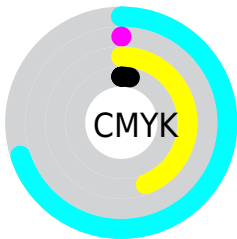
Blue (54%)



Red (29%)

Yellow (78%)

Blue (97%)

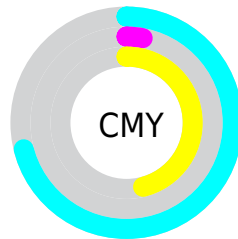


Cyan (70%)

Magenta (0%)

Yellow (44%)

Black (3%)



Cyan (71%)

















Magenta (3%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RGB color 74, 247, 138 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 74, 247, 138 by changing the saturation by 10% instead.

 74, 247, 138	 74, 247, 138
 255, 255, 255	 21, 218, 112
 142, 255, 193	 0, 189, 86
 174, 255, 221	 0, 161, 61
 205, 255, 250	 0, 134, 36
 236, 255, 255	 0, 107, 6
	 0, 81, 0
	 0, 57, 0
	 0, 32, 0
	 0, 0, 0

 74, 247, 138

 74, 247, 138

 49, 247, 122

 99, 247, 154

 25, 247, 107

 123, 247, 169

 0, 247, 91

 148, 247, 185

 173, 247, 200

 197, 247, 216

 222, 247, 231

 247, 247, 247

 255, 247, 255

Harmonies

Analogous

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



185, 234, 77



74, 247, 138



0, 253, 213

Triad

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



74, 247, 138



0, 227, 255



255, 157, 150

Complementary

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



74, 247, 138



247, 74, 183

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, 148, 223



74, 247, 138



214, 199, 255

Square

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



74, 247, 138



0, 244, 255



255, 167, 255



255, 185, 89

Rectangle

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



74, 247, 138



0, 253, 255



255, 167, 255



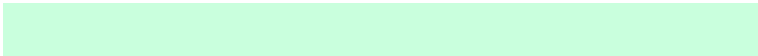
255, 151, 174

Sweetspot

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



74, 247, 138



201, 255, 221



184, 247, 74



96, 128, 107



0, 0, 0



128, 128, 128

Same Dimension

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



74, 247, 138



41, 255, 120



74, 247, 224



110, 122, 115



0, 186, 69



0, 59, 22

Inverse Universe

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



247, 74, 183



255, 41, 176



247, 74, 97



122, 110, 118



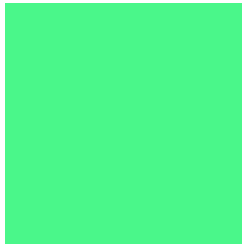
186, 0, 117



59, 0, 37

Previews

White Background



This preview shows how the RGB color 74, 247, 138 looks on a white background.

Color Contrast Check

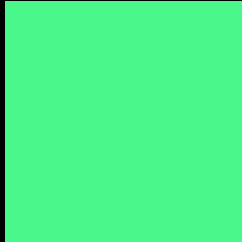
Large Text (above 18pt) WCAG AA × Fail

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 74, 247, 138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

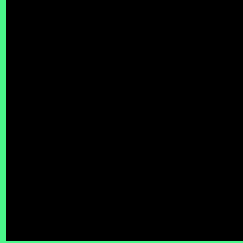
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

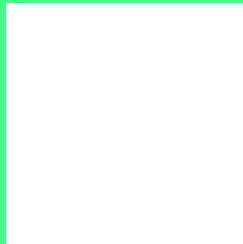
Any Text WCAG AAA ✓ Pass

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

RGB 74, 247, 138 Background



This preview shows how black text looks on a background with the RGB color 74, 247, 138.

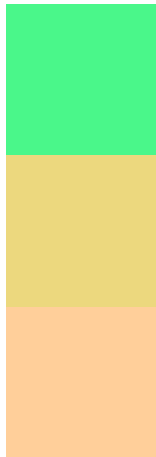


This preview shows how white text looks on a background with the RGB color 74, 247, 138.

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

74, 247, 138

Protanopia

236, 216, 126

Deuteranopia

255, 207, 154



Tritanopia
114, 234, 253

Trichromacy



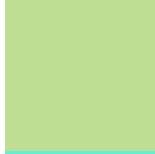
Original Color

74, 247, 138



Protanomaly

177, 227, 130



Deuteranomaly

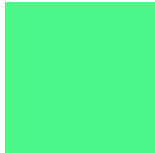
189, 222, 148



Tritanomaly

99, 239, 211

Monochromacy



Original Color

74, 247, 138



Achromatopsia

183, 183, 183



Achromatomaly

143, 206, 167

CSS Examples

Text

The CSS property to change the color of the text to RGB 74, 247, 138 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(74, 247, 138) looks like.

```
.text, #text, p{  
    color:rgb(74, 247, 138)  
}
```

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(74, 247, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 247, 138) }
```

Border

The CSS property to change the border of an element to RGB 74, 247, 138 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(74, 247, 138) }
```

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

```
.border{ border-color:rgb(74, 247, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 247, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 247, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 247, 138);  
box-shadow:4px 4px 4px 4px rgb(74, 247,  
138) }
```

Background

The CSS property to change the background color of an element to RGB 74, 247, 138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 247, 138) }
```

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

```
.background{ background-color: rgb(74, 247,  
138) }
```

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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