

Converting Colors

RGB(86, 246, 138)

Have a look what the booklet for
RGB(86, 246, 138) contains.

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Color

RGB(86, 246, 138)

Conversions

Conversions Part 1

Format	Color
Hex	56F68A
RGB	86, 246, 138
RGB Percent	34%, 96%, 54%
CMY	0.6627, 0.0353, 0.4588
CMYK	0.65, 0.00, 0.44, 0.04
HSL	139°, 90%, 65%
HSV	139°, 65%, 96%
XYZ	41.3810, 69.7249, 35.3220
YIQ	185.8480, -60.6920, -67.5080

Conversions

Conversions Part 2

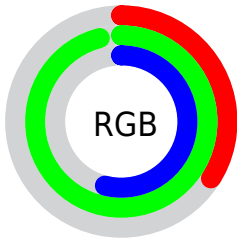
Format	Color
RYB	86, 207, 246
Decimal	5699210
CIELab	86.86, -64.41, 39.93
CIELCh	87, 75.782, 148.208
Yxy	69.7249, 0.2826, 0.4762
Android (android.graphics.Color)	4283889290 (0xFF56F68A)
YUV	185.8480, -23.5891, -87.5667
Hunter-Lab	83.5015, -57.6680, 33.3707

Details

The RGB color **86, 246, 138** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **246, 86, 194**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **151, 255, 193**, and **0, 188, 86** is the 20% darker color. If you saturate the color by 10%, you get **61, 246, 121**, and if you desaturate by 10%, it is **111, 246, 155**.

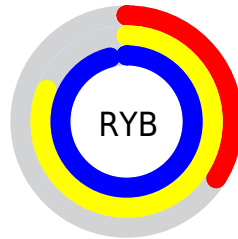
Distribution



Red (34%)

Green (96%)

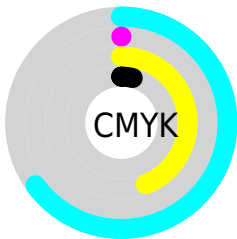
Blue (54%)



Red (34%)

Yellow (81%)

Blue (96%)

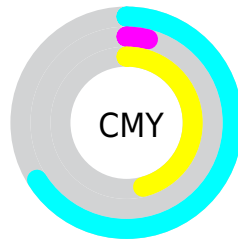


Cyan (65%)

Magenta (0%)

Yellow (44%)

Black (4%)



Cyan (66%)

















Magenta (4%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RGB color 86, 246, 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 86, 246, 138 by changing the saturation by 10% instead.

 86, 246, 138	 86, 246, 138
 255, 255, 255	 46, 217, 112
 151, 255, 193	 0, 188, 86
 182, 255, 221	 0, 160, 61
 213, 255, 250	 0, 133, 36
 243, 255, 255	 0, 107, 6
	 0, 81, 0
	 0, 57, 0
	 0, 32, 0
	 0, 0, 0

■ 86, 246, 138

■ 86, 246, 138

■ 61, 246, 121

■ 111, 246, 155

■ 37, 246, 105

■ 135, 246, 171

■ 12, 246, 88

■ 160, 246, 188

■ 0, 246, 80

■ 184, 246, 204

■ 209, 246, 221

■ 234, 246, 238

■ 255, 246, 254

■ 255, 246, 255

Harmonies

Analogous

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



188, 233, 80



86, 246, 138



0, 252, 211

Triad

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



86, 246, 138



0, 227, 255



255, 159, 154

Complementary

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



86, 246, 138



246, 86, 194

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, 225



86, 246, 138



211, 200, 255

Square

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



86, 246, 138



0, 244, 255



255, 170, 255



255, 185, 94

Rectangle

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



86, 246, 138



0, 252, 255



255, 170, 255



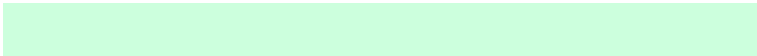
255, 153, 177

Sweetspot

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



86, 246, 138



204, 255, 221



195, 246, 86



97, 128, 107



0, 0, 0



128, 128, 128

Same Dimension

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



86, 246, 138



56, 255, 121



86, 246, 217



110, 122, 114



0, 186, 60



0, 59, 19

Inverse Universe

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



246, 86, 194



255, 56, 190



246, 86, 115



122, 110, 118



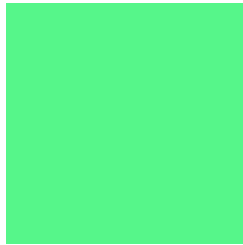
186, 0, 126



59, 0, 40

Previews

White Background



This preview shows how the RGB color 86, 246, 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 86, 246, 138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

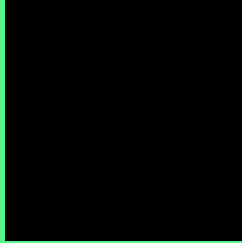
Any Text WCAG AA ✓ Pass

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 86, 246, 138 Background



This preview shows how black text looks on a background with the RGB color 86, 246, 138.

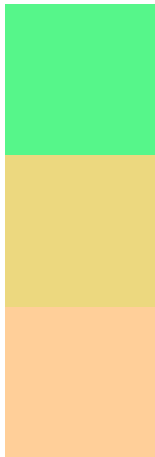


This preview shows how white text looks on a background with the RGB color 86, 246, 138.

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
86, 246, 138

Protanopia
236, 216, 127

Deuteranopia
255, 207, 153



Tritanopia
122, 233, 252

Trichromacy



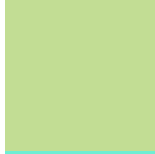
Original Color

86, 246, 138



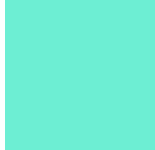
Protanomaly

181, 227, 131



Deuteranomaly

194, 221, 148



Tritanomaly

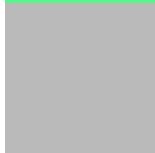
109, 238, 211

Monochromacy



Original Color

86, 246, 138



Achromatopsia

186, 186, 186



Achromatomaly

150, 208, 169

CSS Examples

Text

The CSS property to change the color of the text to RGB 86, 246, 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(86, 246, 138) looks like.

```
.text, #text, p{  
    color:rgb(86, 246, 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(86, 246, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 246, 138) }
```

Border

The CSS property to change the border of an element to RGB 86, 246, 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(86, 246, 138) }
```

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

```
.border{ border-color:rgb(86, 246, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 246, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 246, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 246, 138);  
box-shadow:4px 4px 4px 4px rgb(86, 246,  
138) }
```

Background

The CSS property to change the background color of an element to RGB 86, 246, 138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 246, 138) }
```

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

```
.background{ background-color: rgb(86, 246,  
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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