

Converting Colors

RGB(99, 238, 168)

Have a look what the booklet for
RGB(99, 238, 168) contains.

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Color

RGB(99, 238, 168)

Conversions

Conversions Part 1

Format	Color
Hex	63EEA8
RGB	99, 238, 168
RGB Percent	39%, 93%, 66%
CMY	0.6118, 0.0667, 0.3412
CMYK	0.58, 0.00, 0.29, 0.07
HSL	150°, 80%, 66%
HSV	150°, 58%, 93%
XYZ	42.7880, 66.6289, 47.6513
YIQ	188.4590, -60.3740, -51.2380

Conversions

Conversions Part 2

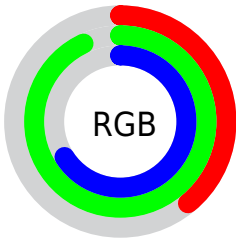
Format	Color
RYB	99, 192, 238
Decimal	6549160
CIELab	85.32, -53.50, 22.84
CIElCh	85, 58.173, 156.885
Yxy	66.6289, 0.2724, 0.4242
Android (android.graphics.Color)	4284739240 (0xFF63EEA8)
YUV	188.4590, -10.0863, -78.4555
Hunter-Lab	81.6265, -49.2780, 22.5267

Details

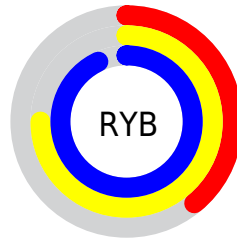
The RGB color **99, 238, 168** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **238, 99, 169**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **160, 255, 223**, and **19, 181, 116** is the 20% darker color. If you saturate the color by 10%, you get **75, 238, 156**, and if you desaturate by 10%, it is **123, 238, 180**.

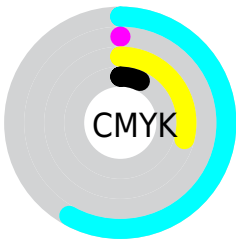
Distribution



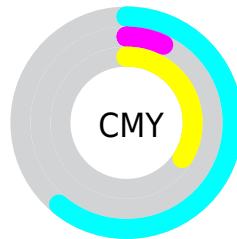
- Red (39%)
- Green (93%)
- Blue (66%)



- Red (39%)
- Yellow (75%)
- Blue (93%)



- Cyan (58%)
- Magenta (0%)
- Yellow (29%)
- Black (7%)



















- Cyan (61%)
- Magenta (7%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RGB color 99, 238, 168 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 99, 238, 168 by changing the saturation by 10% instead.

 99, 238, 168	 99, 238, 168
 255, 255, 255	 66, 209, 141
 160, 255, 223	 19, 181, 116
 190, 255, 252	 0, 154, 91
 220, 255, 255	 0, 127, 67
 251, 255, 255	 0, 101, 44
	 0, 75, 22
	 0, 52, 0
	 0, 27, 0
	 0, 0, 0

■ 99, 238, 168

■ 99, 238, 168

■ 75, 238, 156

■ 123, 238, 180

■ 51, 238, 144

■ 147, 238, 192

■ 28, 238, 132

■ 170, 238, 204

■ 4, 238, 120

■ 194, 238, 216

■ 0, 238, 118

■ 218, 238, 228

■ 242, 238, 240

■ 255, 238, 252

■ 255, 238, 255

Harmonies

Analogous

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



175, 229, 122



99, 238, 168



0, 241, 225

Triad

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



99, 238, 168



143, 215, 255



255, 176, 150

Complementary

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



99, 238, 168



238, 99, 169

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, 167, 202



99, 238, 168



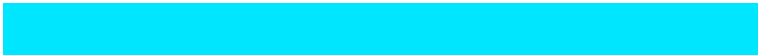
234, 194, 255

Square

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



99, 238, 168



0, 230, 255



255, 174, 255



255, 195, 112

Rectangle

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



99, 238, 168



0, 241, 255



255, 174, 255



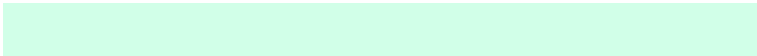
255, 171, 166

Sweetspot

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



99, 238, 168



209, 255, 232



171, 238, 99



99, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

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



99, 238, 168



77, 255, 165



99, 238, 236



108, 120, 114



0, 184, 91



0, 56, 28

Inverse Universe

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



238, 99, 169



255, 77, 166



238, 99, 101



120, 108, 114



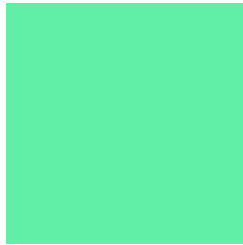
184, 0, 92



56, 0, 28

Previews

White Background



This preview shows how the RGB color 99, 238, 168 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 99, 238, 168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

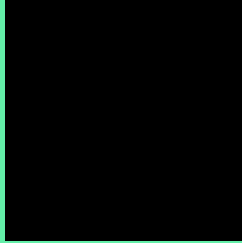
Any Text WCAG AA ✓ Pass

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 99, 238, 168 Background



This preview shows how black text looks on a background with the RGB color 99, 238, 168.

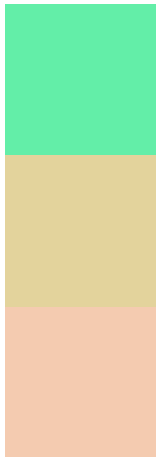


This preview shows how white text looks on a background with the RGB color 99, 238, 168.

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
99, 238, 168

Protanopia
227, 211, 156

Deuteranopia
244, 203, 176



Tritanopia
123, 228, 246

Trichromacy



Original Color
99, 238, 168



Protanomaly
180, 221, 160



Deuteranomaly
191, 216, 173



Tritanomaly
114, 232, 218

Monochromacy



Original Color
99, 238, 168



Achromatopsia
188, 188, 188



Achromatomaly
156, 206, 181

CSS Examples

Text

The CSS property to change the color of the text to RGB 99, 238, 168 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(99, 238, 168)` looks like.

```
.text, #text, p{  
    color:rgb(99, 238, 168)  
}
```

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(99, 238, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 238, 168) }
```

Border

The CSS property to change the border of an element to RGB 99, 238, 168 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(99, 238, 168) }
```

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

```
.border{ border-color:rgb(99, 238, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 238, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 238, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 238, 168);  
box-shadow:4px 4px 4px 4px rgb(99, 238,  
168) }
```

Background

The CSS property to change the background color of an element to RGB 99, 238, 168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 238, 168) }
```

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

```
.background{ background-color: rgb(99, 238,  
168) }
```

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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