

Converting Colors

RGB(99, 211, 168)

Have a look what the booklet for
RGB(99, 211, 168) contains.

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Color

RGB(99, 211, 168)

Conversions

Conversions Part 1

Format	Color
Hex	63D3A8
RGB	99, 211, 168
RGB Percent	39%, 83%, 66%
CMY	0.6118, 0.1725, 0.3412
CMYK	0.53, 0.00, 0.20, 0.17
HSL	157°, 56%, 61%
HSV	157°, 53%, 83%
XYZ	35.5077, 52.0683, 45.2245
YIQ	172.6100, -52.9490, -37.1170

Conversions

Conversions Part 2

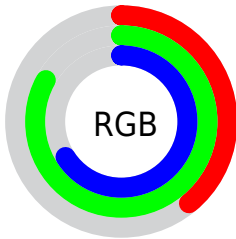
Format	Color
RYB	99, 168, 211
Decimal	6542248
CIELab	77.32, -42.14, 11.68
CIELCh	77, 43.729, 164.513
Yxy	52.0683, 0.2674, 0.3921
Android (android.graphics.Color)	4284732328 (0xFF63D3A8)
YUV	172.6100, -2.2727, -64.5560
Hunter-Lab	72.1584, -38.4408, 13.3515

Details

The RGB color **99, 211, 168** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **211, 99, 142**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **157, 255, 223**, and **34, 156, 116** is the 20% darker color. If you saturate the color by 10%, you get **78, 211, 160**, and if you desaturate by 10%, it is **120, 211, 176**.

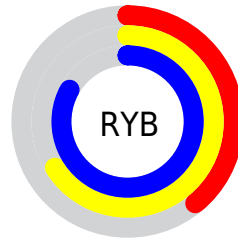
Distribution



Red (39%)

Green (83%)

Blue (66%)



Red (39%)

Yellow (66%)

Blue (83%)

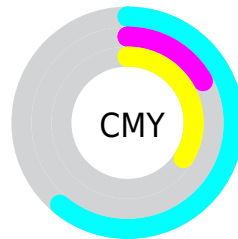


Cyan (53%)

Magenta (0%)

Yellow (20%)

Black (17%)



Cyan (61%)

Magenta (17%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RGB color 99, 211, 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, 211, 168 by changing the saturation by 10% instead.



99, 211, 168



99, 211, 168

255, 255, 255



69, 183, 142



157, 255, 223



34, 156, 116



186, 255, 252



0, 129, 91



215, 255, 255



0, 103, 68



245, 255, 255



0, 78, 45



0, 54, 24



0, 33, 0



0, 0, 0



99, 211, 168



99, 211, 168

■ 78, 211, 160

■ 120, 211, 176

■ 57, 211, 152

■ 141, 211, 184

■ 36, 211, 144

■ 162, 211, 192

■ 15, 211, 136

■ 183, 211, 200

■ 0, 211, 130

■ 205, 211, 209

■ 226, 211, 217

■ 247, 211, 225

■ 255, 211, 233

■ 255, 211, 241

Harmonies

Analogous

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



152, 205, 132



99, 211, 168



13, 213, 210

Triad

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



99, 211, 168



163, 188, 255



255, 168, 136

Complementary

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



99, 211, 168



211, 99, 142

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, 159, 173



99, 211, 168



220, 173, 249

Square

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



99, 211, 168



89, 201, 255



255, 162, 214



235, 181, 113

Rectangle

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



99, 211, 168



0, 211, 236



255, 162, 214



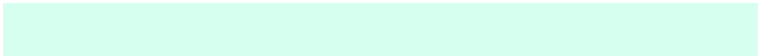
255, 164, 147

Sweetspot

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



99, 211, 168



214, 255, 239



144, 211, 99



103, 128, 118



0, 0, 0



128, 128, 128

Same Dimension

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



99, 211, 168



92, 255, 192



99, 200, 211



94, 105, 101



0, 168, 104



0, 41, 25

Inverse Universe

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



211, 99, 142



255, 92, 154



211, 110, 99



105, 94, 98



168, 0, 65



41, 0, 16

Previews

White Background



This preview shows how the RGB color 99, 211, 168 looks on a white background.

Color Contrast Check

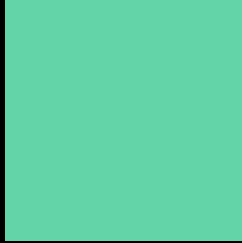
Large Text (above 18pt) WCAG AA × Fail

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, 211, 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, 211, 168 Background



This preview shows how black text looks on a background with the RGB color 99, 211, 168.

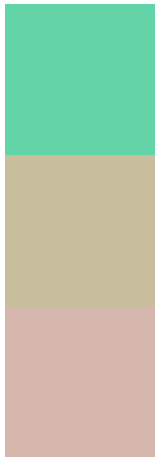


This preview shows how white text looks on a background with the RGB color 99, 211, 168.

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, 211, 168

Protanopia
200, 189, 157

Deuteranopia
214, 183, 174



Tritanopia
115, 204, 220

Trichromacy



Original Color

99, 211, 168



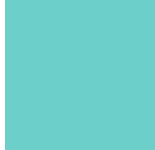
Protanomaly

163, 197, 161



Deuteranomaly

172, 193, 172



Tritanomaly

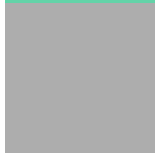
109, 207, 201

Monochromacy



Original Color

99, 211, 168



Achromatopsia

173, 173, 173



Achromatomaly

146, 187, 171

CSS Examples

Text

The CSS property to change the color of the text to RGB 99, 211, 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, 211, 168)` looks like.

```
.text, #text, p{  
    color:rgb(99, 211, 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, 211, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 211, 168) }
```

Border

The CSS property to change the border of an element to RGB 99, 211, 168 is called "border". The border property can be set on classes, ids or directly on the HTML element.

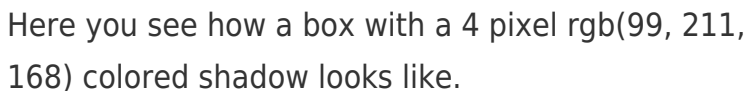
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(99, 211, 168) }
```

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

```
.border{ border-color:rgb(99, 211, 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, 211, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 211, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 211, 168);  
box-shadow:4px 4px 4px 4px rgb(99, 211,  
168) }
```

Background

The CSS property to change the background color of an element to RGB 99, 211, 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, 211, 168) }
```

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

```
.background{ background-color: rgb(99, 211,  
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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