

Converting Colors

RGB(98, 188, 139)

Have a look what the booklet for
RGB(98, 188, 139) contains.

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Color

RGB(98, 188, 139)

Conversions

Conversions Part 1

Format	Color
Hex	62BC8B
RGB	98, 188, 139
RGB Percent	38%, 74%, 55%
CMY	0.6157, 0.2627, 0.4549
CMYK	0.48, 0.00, 0.26, 0.26
HSL	147°, 40%, 56%
HSV	147°, 48%, 74%
XYZ	27.6804, 40.4272, 30.7704
YIQ	155.5040, -37.9110, -34.3190

Conversions

Conversions Part 2

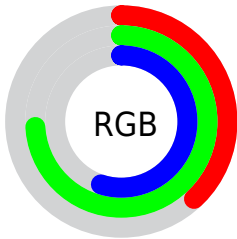
Format	Color
RYB	98, 160, 188
Decimal	6470795
CIELab	69.77, -38.29, 16.64
CIELCh	70, 41.746, 156.513
Yxy	40.4272, 0.2799, 0.4089
Android (android.graphics.Color)	4284660875 (0xFF62BC8B)
YUV	155.5040, -8.1365, -50.4310
Hunter-Lab	63.5824, -33.5597, 15.8145

Details

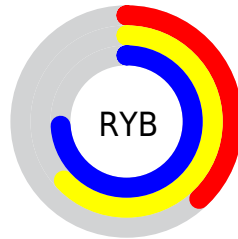
The RGB color **98, 188, 139** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **188, 98, 147**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **153, 245, 193**, and **40, 134, 89** is the 20% darker color. If you saturate the color by 10%, you get **79, 188, 129**, and if you desaturate by 10%, it is **117, 188, 149**.

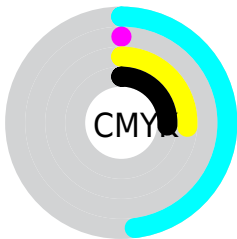
Distribution



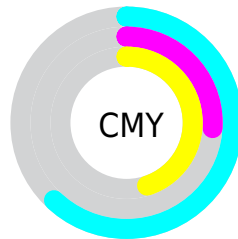
- Red (38%)
- Green (74%)
- Blue (55%)



- Red (38%)
- Yellow (63%)
- Blue (74%)



- Cyan (48%)
- Magenta (0%)
- Yellow (26%)
- Black (26%)





- Cyan (62%)
- Magenta (26%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the RGB color 98, 188, 139 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 98, 188, 139 by changing the saturation by 10% instead.


 98, 188, 139

 98, 188, 139


255, 255, 255

 70, 161, 113

 153, 245, 193

 40, 134, 89

 182, 255, 221

 0, 108, 65

 210, 255, 249


 0, 83, 43


 240, 255, 255


 0, 59, 22


 0, 38, 0

 0, 0, 0

 98, 188, 139

 98, 188, 139

 79, 188, 129

 117, 188, 149

■ 60, 188, 119

■ 136, 188, 159

■ 42, 188, 108

■ 154, 188, 170

■ 23, 188, 98

■ 173, 188, 180

■ 4, 188, 88

■ 192, 188, 190

■ 0, 188, 86

■ 211, 188, 200

■ 230, 188, 211

■ 248, 188, 221

■ 255, 188, 231

Harmonies

Analogous

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



146, 181, 108



98, 188, 139



23, 190, 178

Triad

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



98, 188, 139



127, 172, 245



240, 146, 127

Complementary

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



98, 188, 139



188, 98, 147

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.



243, 140, 164



98, 188, 139



185, 158, 231

Square

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



98, 188, 139



44, 182, 239



225, 145, 201



219, 158, 101

Rectangle

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



98, 188, 139



0, 190, 203



225, 145, 201



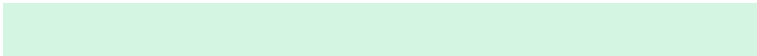
243, 143, 139

Sweetspot

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



98, 188, 139



211, 245, 226



148, 188, 98



102, 122, 111



250, 250, 250



122, 122, 122

Same Dimension

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



98, 188, 139



105, 245, 169



98, 188, 184



85, 94, 89



0, 158, 72



0, 31, 14

Inverse Universe

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



188, 98, 147



245, 105, 181



188, 98, 102



94, 85, 90



158, 0, 86



31, 0, 17

Previews

White Background



This preview shows how the RGB color 98, 188, 139 looks on a white background.

Color Contrast Check

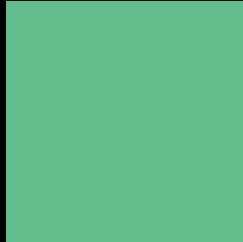
Large Text (above 18pt) WCAG AA × Fail

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 98, 188, 139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

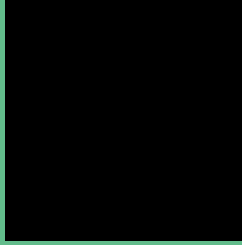
Any Text WCAG AA ✓ Pass

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 98, 188, 139 Background



This preview shows how black text looks on a background with the RGB color 98, 188, 139.

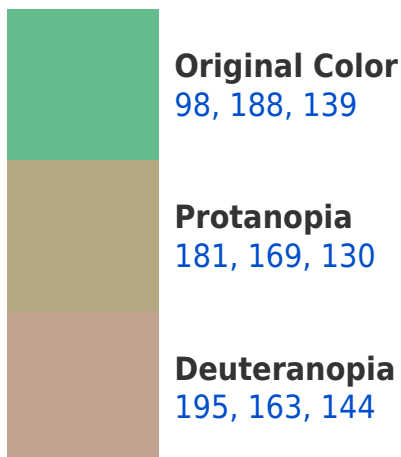


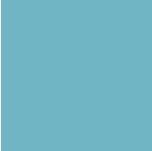
This preview shows how white text looks on a background with the RGB color 98, 188, 139.

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





Tritanopia
112, 181, 195

Trichromacy



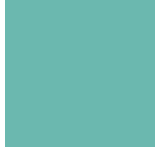
Original Color
98, 188, 139



Protanomaly
151, 176, 133



Deuteranomaly
160, 172, 142



Tritanomaly
107, 184, 175

Monochromacy



Original Color
98, 188, 139



Achromatopsia
156, 156, 156



Achromatomaly
135, 168, 150

CSS Examples

Text

The CSS property to change the color of the text to RGB 98, 188, 139 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(98, 188, 139)` looks like.

```
.text, #text, p{  
    color:rgb(98, 188, 139)  
}
```

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(98, 188, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 188, 139) }
```

Border

The CSS property to change the border of an element to RGB 98, 188, 139 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(98, 188, 139) }
```

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

```
.border{ border-color:rgb(98, 188, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 188, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 188, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 188, 139);  
box-shadow:4px 4px 4px 4px rgb(98, 188,  
139) }
```

Background

The CSS property to change the background color of an element to RGB 98, 188, 139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 188, 139) }
```

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

```
.background{ background-color: rgb(98, 188,  
139) }
```

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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