

Converting Colors

RGB(103, 169, 141)

Have a look what the booklet for
RGB(103, 169, 141) contains.

RGB(103, 169, 141)	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(103, 169, 141)

Conversions

Conversions Part 1

Format	Color
Hex	67A98D
RGB	103, 169, 141
RGB Percent	40%, 66%, 55%
CMY	0.5961, 0.3373, 0.4471
CMYK	0.39, 0.00, 0.17, 0.34
HSL	155°, 28%, 53%
HSV	155°, 39%, 66%
XYZ	24.5892, 33.1826, 30.3082
YIQ	146.0740, -30.3480, -22.7000

Conversions

Conversions Part 2

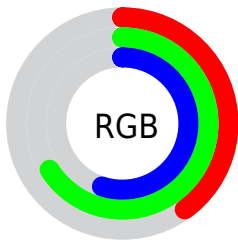
Format	Color
RYB	103, 145, 169
Decimal	6793613
CIELab	64.31, -27.56, 7.88
CIELCh	64, 28.666, 164.051
Yxy	33.1826, 0.2792, 0.3767
Android (android.graphics.Color)	4284983693 (0xFF67A98D)
YUV	146.0740, -2.5015, -37.7759
Hunter-Lab	57.6043, -24.6124, 9.1279

Details

The RGB color **103, 169, 141** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **169, 103, 131**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **157, 225, 195**, and **51, 116, 91** is the 20% darker color. If you saturate the color by 10%, you get **86, 169, 134**, and if you desaturate by 10%, it is **120, 169, 148**.

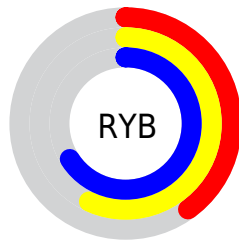
Distribution



Red (40%)

Green (66%)

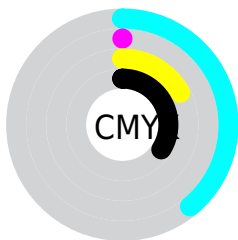
Blue (55%)



Red (40%)

Yellow (57%)

Blue (66%)

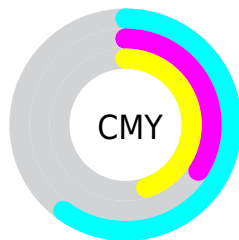


Cyan (39%)

Magenta (0%)

Yellow (17%)

Black (34%)



Cyan (60%)

Magenta (34%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RGB color 103, 169, 141 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 103, 169, 141 by changing the saturation by 10% instead.

 103, 169, 141

255, 255, 255


 157, 225, 195


 184, 253, 223

 213, 255, 251

 242, 255, 255

 103, 169, 141

 77, 142, 115

 51, 116, 91

 23, 92, 67


 0, 68, 45


 0, 45, 24


 0, 24, 0


 0, 0, 0

 103, 169, 141


 86, 169, 134

 103, 169, 141


 120, 169, 148


 69, 169, 127


 137, 169, 155

 52, 169, 119


 154, 169, 163


 35, 169, 112


 171, 169, 170


 19, 169, 105

 187, 169, 177

 2, 169, 98

 204, 169, 184

 0, 169, 97

 221, 169, 191

 238, 169, 198

 255, 169, 206

Harmonies

Analogous

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



133, 165, 118



103, 169, 141



78, 170, 167

Triad

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



103, 169, 141



140, 154, 205



202, 141, 121

Complementary

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



103, 169, 141



169, 103, 131

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.



207, 137, 145



103, 169, 141



174, 145, 193

Square

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



103, 169, 141



102, 162, 204



198, 138, 171



186, 150, 107

Rectangle

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



103, 169, 141



72, 169, 184



198, 138, 171



205, 139, 128

Sweetspot

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



103, 169, 141



193, 219, 208



132, 169, 103



94, 110, 103



237, 237, 237



110, 110, 110

Same Dimension

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



103, 169, 141



116, 219, 176



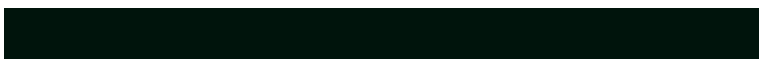
103, 165, 169



76, 84, 81



0, 148, 85



0, 20, 12

Inverse Universe

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



169, 103, 131



219, 116, 160



169, 107, 103



84, 76, 79



148, 0, 63



20, 0, 9

Previews

White Background



This preview shows how the RGB color 103, 169, 141 looks on a white background.

Color Contrast Check

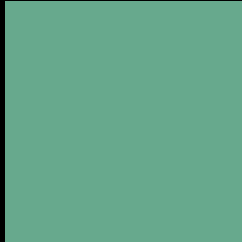
Large Text (above 18pt) WCAG AA × Fail

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 103, 169, 141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

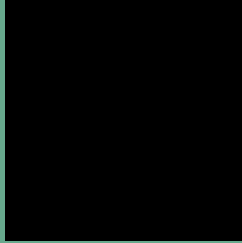
Any Text WCAG AA ✓ Pass

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 103, 169, 141 Background



This preview shows how black text looks on a background with the RGB color 103, 169, 141.

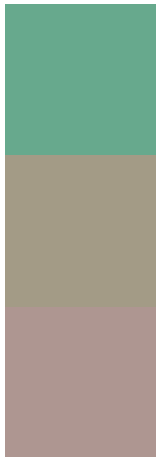


This preview shows how white text looks on a background with the RGB color 103, 169, 141.

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
103, 169, 141

Protanopia
163, 155, 134

Deuteranopia
174, 150, 145



Tritanopia
112, 164, 177

Trichromacy



Original Color
103, 169, 141

Protanomaly
141, 160, 137

Deuteranomaly
148, 157, 144

Tritanomaly
109, 166, 164

Monochromacy



Original Color
103, 169, 141

Achromatopsia
146, 146, 146

Achromatomaly
130, 154, 144

CSS Examples

Text

The CSS property to change the color of the text to RGB 103, 169, 141 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(103, 169, 141)` looks like.

```
.text, #text, p{  
    color:rgb(103, 169, 141)  
}
```

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(103, 169, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 169, 141) }
```

Border

The CSS property to change the border of an element to RGB 103, 169, 141 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(103, 169, 141) }
```

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

```
.border{ border-color:rgb(103, 169, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 169, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 169, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 169, 141);  
box-shadow:4px 4px 4px 4px rgb(103, 169,  
141) }
```

Background

The CSS property to change the background color of an element to RGB 103, 169, 141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 169, 141) }
```

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

```
.background{ background-color: rgb(103,  
169, 141) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor