

Converting Colors

RGB(101, 189, 127)

Have a look what the booklet for
RGB(101, 189, 127) contains.

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Color

RGB(101, 189, 127)

Conversions

Conversions Part 1

Format	Color
Hex	65BD7F
RGB	101, 189, 127
RGB Percent	40%, 74%, 50%
CMY	0.6039, 0.2588, 0.5020
CMYK	0.47, 0.00, 0.33, 0.26
HSL	138°, 40%, 57%
HSV	138°, 47%, 74%
XYZ	27.3952, 40.6942, 26.4896
YIQ	155.6200, -32.5460, -37.9380

Conversions

Conversions Part 2

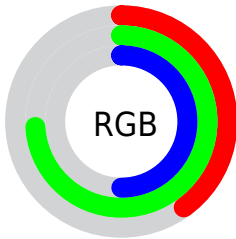
Format	Color
RYB	101, 169, 189
Decimal	6667647
CIELab	69.96, -40.24, 23.36
CIELCh	70, 46.529, 149.871
Yxy	40.6942, 0.2897, 0.4303
Android (android.graphics.Color)	4284857727 (0xFF65BD7F)
YUV	155.6200, -14.1097, -47.9017
Hunter-Lab	63.7920, -34.9800, 20.0343

Details

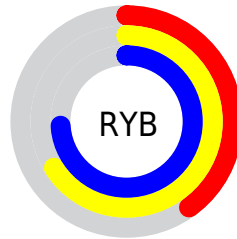
The RGB color **101, 189, 127** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **189, 101, 163**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **156, 246, 180**, and **44, 135, 77** is the 20% darker color. If you saturate the color by 10%, you get **82, 189, 114**, and if you desaturate by 10%, it is **120, 189, 140**.

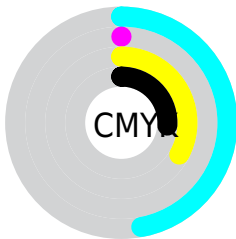
Distribution



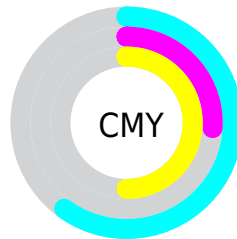
- Red (40%)
- Green (74%)
- Blue (50%)



- Red (40%)
- Yellow (66%)
- Blue (74%)



- Cyan (47%)
- Magenta (0%)
- Yellow (33%)
- Black (26%)



- Cyan (60%)
- Magenta (26%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RGB color 101, 189, 127 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 101, 189, 127 by changing the saturation by 10% instead.

 101, 189, 127

255, 255, 255


 156, 246, 180

 185, 255, 208


 213, 255, 236


 243, 255, 255

 101, 189, 127

 73, 162, 102

 44, 135, 77


 3, 109, 54


 0, 84, 32

 0, 60, 9


 0, 39, 0


 0, 0, 0

 101, 189, 127


 82, 189, 114


 101, 189, 127

 120, 189, 140

 63, 189, 100


 139, 189, 154

 44, 189, 87


 158, 189, 167


 25, 189, 74

 177, 189, 180

 7, 189, 60

 196, 189, 194

 0, 189, 56

 214, 189, 207

 233, 189, 220

 252, 189, 234

 255, 189, 247

Harmonies

Analogous

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



154, 181, 95



101, 189, 127



0, 193, 169

Triad

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



101, 189, 127



99, 175, 255



249, 140, 131

Complementary

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



101, 189, 127



189, 101, 163

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.



248, 136, 173



101, 189, 127



174, 160, 244

Square

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



101, 189, 127



0, 186, 243



223, 145, 214



230, 153, 99

Rectangle

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



101, 189, 127



0, 193, 198



223, 145, 214



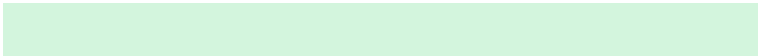
251, 138, 144

Sweetspot

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



101, 189, 127



211, 245, 221



164, 189, 101



102, 122, 108



250, 250, 250



122, 122, 122

Same Dimension

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



101, 189, 127



108, 245, 148



101, 189, 170



85, 94, 88



0, 158, 47



0, 31, 9

Inverse Universe

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



189, 101, 163



245, 108, 204



189, 101, 120



94, 85, 92



158, 0, 111



31, 0, 22

Previews

White Background



This preview shows how the RGB color 101, 189, 127 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 101, 189, 127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

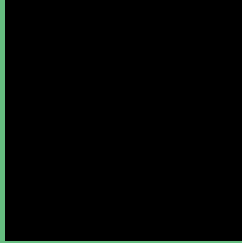
Any Text WCAG AA ✓ Pass

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 101, 189, 127 Background



This preview shows how black text looks on a background with the RGB color 101, 189, 127.



This preview shows how white text looks on a background with the RGB color 101, 189, 127.

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](#).

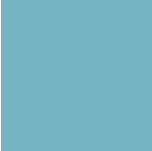
Dichromacy



Original Color
101, 189, 127

Protanopia
183, 170, 119

Deuteranopia
199, 163, 133



Tritanopia
117, 180, 195

Trichromacy



Original Color

101, 189, 127



Protanomaly

153, 177, 122



Deuteranomaly

163, 172, 131



Tritanomaly

111, 183, 170

Monochromacy



Original Color

101, 189, 127



Achromatopsia

156, 156, 156



Achromatomaly

136, 168, 145

CSS Examples

Text

The CSS property to change the color of the text to RGB 101, 189, 127 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(101, 189, 127)` looks like.

```
.text, #text, p{  
    color:rgb(101, 189, 127)  
}
```

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(101, 189, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 189, 127) }
```

Border

The CSS property to change the border of an element to RGB 101, 189, 127 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(101, 189, 127) }
```

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

```
.border{ border-color:rgb(101, 189, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 189, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 189, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 189, 127);  
box-shadow:4px 4px 4px 4px rgb(101, 189,  
127) }
```

Background

The CSS property to change the background color of an element to RGB 101, 189, 127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 189, 127) }
```

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

```
.background{ background-color: rgb(101,  
189, 127) }
```

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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