

Converting Colors

RGB(97, 161, 132)

Have a look what the booklet for
RGB(97, 161, 132) contains.

RGB(97, 161, 132)	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(97, 161, 132)

Conversions

Conversions Part 1

Format	Color
Hex	61A184
RGB	97, 161, 132
RGB Percent	38%, 63%, 52%
CMY	0.6196, 0.3686, 0.4824
CMYK	0.40, 0.00, 0.18, 0.37
HSL	153°, 25%, 51%
HSV	153°, 40%, 63%
XYZ	21.8395, 29.6971, 26.4108
YIQ	138.5580, -28.8350, -22.5870

Conversions

Conversions Part 2

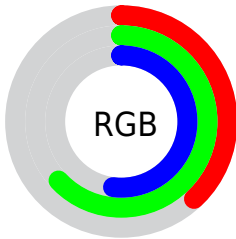
Format	Color
R_{YB}	97, 138, 161
Decimal	6398340
CIE _{Lab}	61.39, -27.34, 8.70
CIE _{LCh}	61, 28.692, 162.339
Yxy	29.6971, 0.2802, 0.3810
Android (android.graphics.Color)	4284588420 (0xFF61A184)
YUV	138.5580, -3.2331, -36.4464
Hunter-Lab	54.4950, -23.8304, 9.4118

Details

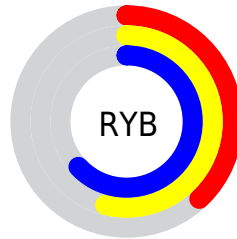
The RGB color **97, 161, 132** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **161, 97, 126**, and the grayscale version is **139, 139, 139**.

A 20% lighter version of the original color is **150, 216, 185**, and **45, 109, 83** is the 20% darker color. If you saturate the color by 10%, you get **81, 161, 125**, and if you desaturate by 10%, it is **113, 161, 139**.

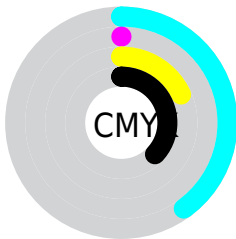
Distribution



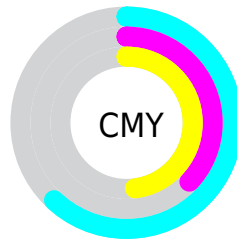
- Red (38%)
- Green (63%)
- Blue (52%)



- Red (38%)
- Yellow (54%)
- Blue (63%)



- Cyan (40%)
- Magenta (0%)
- Yellow (18%)
- Black (37%)




- Cyan (62%)
- Magenta (37%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RGB color 97, 161, 132 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 97, 161, 132 by changing the saturation by 10% instead.

 97, 161, 132


255, 255, 255


 150, 216, 185

 178, 245, 213

 206, 255, 241


 235, 255, 255

 97, 161, 132

 71, 135, 107

 45, 109, 83


 16, 84, 59


 0, 61, 38

 0, 39, 17

 0, 10, 0

 0, 0, 0

 97, 161, 132

 81, 161, 125

 97, 161, 132

 113, 161, 139

■ 65, 161, 117

■ 129, 161, 147

■ 49, 161, 110

■ 145, 161, 154

■ 33, 161, 103

■ 161, 161, 161

■ 16, 161, 96

■ 178, 161, 168

■ 0, 161, 88

■ 194, 161, 176

■ 0, 161, 88

■ 210, 161, 183

■ 226, 161, 190

■ 242, 161, 198

Harmonies

Analogous

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



127, 157, 110



97, 161, 132



70, 162, 158

Triad

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



97, 161, 132



130, 147, 198



195, 133, 115

Complementary

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



97, 161, 132



161, 97, 126

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.



199, 129, 139



97, 161, 132



165, 138, 186

Square

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



97, 161, 132



92, 155, 196



189, 131, 164



179, 141, 100

Rectangle

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



97, 161, 132



63, 161, 174



189, 131, 164



197, 131, 122

Sweetspot

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



97, 161, 132



184, 209, 198



127, 161, 97



90, 105, 98



232, 232, 232



105, 105, 105

Same Dimension

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



97, 161, 132



109, 209, 164



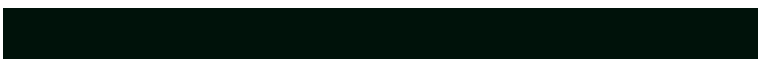
97, 159, 161



73, 82, 78



0, 145, 79



0, 18, 10

Inverse Universe

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



161, 97, 126



209, 109, 154



161, 99, 97



82, 73, 77



145, 0, 66



18, 0, 8

Previews

White Background



This preview shows how the RGB color 97, 161, 132 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 97, 161, 132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

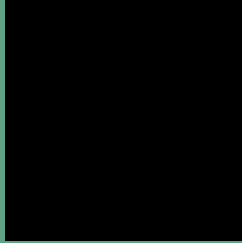
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 97, 161, 132 Background



This preview shows how black text looks on a background with the RGB color 97, 161, 132.

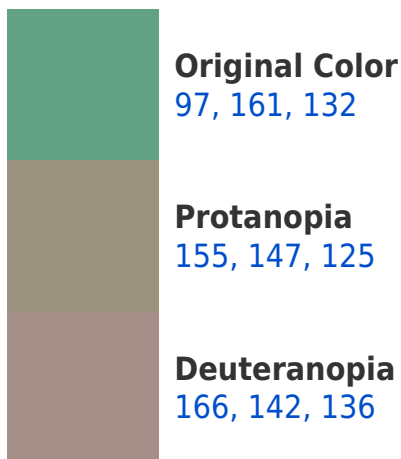


This preview shows how white text looks on a background with the RGB color 97, 161, 132.

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
106, 156, 168

Trichromacy



Original Color

97, 161, 132



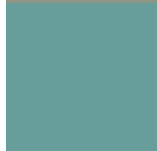
Protanomaly

134, 152, 128



Deuteranomaly

141, 149, 135



Tritanomaly

103, 158, 155

Monochromacy



Original Color

97, 161, 132



Achromatopsia

139, 139, 139



Achromatomaly

124, 147, 136

CSS Examples

Text

The CSS property to change the color of the text to RGB 97, 161, 132 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(97, 161, 132)` looks like.

```
.text, #text, p{  
    color:rgb(97, 161, 132)  
}
```

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(97, 161, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 161, 132) }
```

Border

The CSS property to change the border of an element to RGB 97, 161, 132 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(97, 161, 132) }
```

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

```
.border{ border-color:rgb(97, 161, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 161, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 161, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 161, 132);  
box-shadow:4px 4px 4px 4px rgb(97, 161,  
132) }
```

Background

The CSS property to change the background color of an element to RGB 97, 161, 132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 161, 132) }
```

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

```
.background{ background-color: rgb(97, 161,  
132) }
```

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