

Converting Colors

RGB(161, 189, 113)

Have a look what the booklet for
RGB(161, 189, 113) contains.

RGB(161, 189, 113)	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(161, 189, 113)

Conversions

Conversions Part 1

Format	Color
Hex	A1BD71
RGB	161, 189, 113
RGB Percent	63%, 74%, 44%
CMY	0.3686, 0.2588, 0.5569
CMYK	0.15, 0.00, 0.40, 0.26
HSL	82°, 37%, 59%
HSV	82°, 40%, 74%
XYZ	35.8762, 45.1645, 22.4495
YIQ	171.9640, 7.7080, -29.5720

Conversions

Conversions Part 2

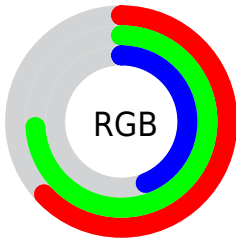
Format	Color
R_{YB}	113, 189, 141
Decimal	10599793
CIE _{Lab}	73.00, -22.27, 35.30
CIE _{LCh}	73, 41.735, 122.254
Yxy	45.1645, 0.3467, 0.4364
Android (android.graphics.Color)	4288789873 (0xFFA1BD71)
YUV	171.9640, -29.0693, -9.6154
Hunter-Lab	67.2045, -22.3183, 27.2375

Details

The RGB color **161, 189, 113** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **141, 113, 189**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **217, 245, 166**, and **108, 136, 63** is the 20% darker color. If you saturate the color by 10%, you get **154, 189, 94**, and if you desaturate by 10%, it is **168, 189, 132**.

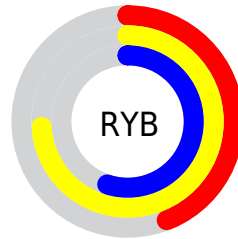
Distribution



Red (63%)

Green (74%)

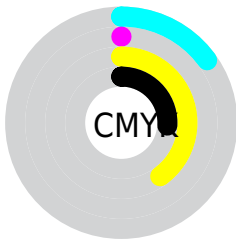
Blue (44%)



Red (44%)

Yellow (74%)

Blue (55%)

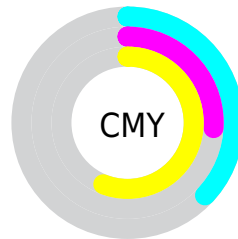


Cyan (15%)

Magenta (0%)

Yellow (40%)

Black (26%)



Cyan (37%)


Magenta (26%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RGB color 161, 189, 113 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 161, 189, 113 by changing the saturation by 10% instead.

 161, 189, 113


255, 255, 255

 217, 245, 166

 246, 255, 193


 255, 255, 221

 255, 255, 250

 161, 189, 113

 134, 162, 88

 108, 136, 63

 83, 110, 39

 58, 86, 15


 35, 62, 0

 9, 40, 0

 0, 18, 0

 0, 0, 0

 161, 189, 113

 161, 189, 113

154, 189, 94

168, 189, 132

147, 189, 75

175, 189, 151

140, 189, 56

182, 189, 170

133, 189, 37

189, 189, 189

126, 189, 18

196, 189, 208

119, 189, 0

203, 189, 226

210, 189, 245

217, 189, 255

224, 189, 255

Harmonies

Analogous

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



201, 178, 102



161, 189, 113



114, 196, 142

Triad

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



161, 189, 113



46, 193, 246



251, 149, 178

Complementary

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



161, 189, 113



141, 113, 189

Split Complementary

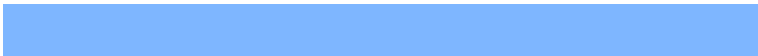
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



230, 155, 215



161, 189, 113



126, 182, 255

Square

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



161, 189, 113



0, 198, 219



187, 168, 244



251, 153, 140

Rectangle

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



161, 189, 113



77, 199, 168



187, 168, 244



246, 150, 191

Sweetspot

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



161, 189, 113



234, 245, 215



189, 141, 113



116, 122, 105



250, 250, 250



122, 122, 122

Same Dimension

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



161, 189, 113



202, 245, 127



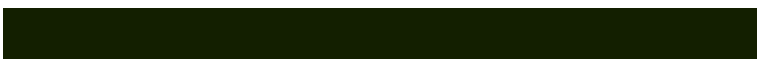
123, 189, 113



91, 94, 85



100, 158, 0



19, 31, 0

Inverse Universe

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



141, 113, 189



171, 127, 245



179, 113, 189



88, 85, 94



58, 0, 158



11, 0, 31

Previews

White Background



This preview shows how the RGB color 161, 189, 113 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 161, 189, 113 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 161, 189, 113 Background



This preview shows how black text looks on a background with the RGB color 161, 189, 113.

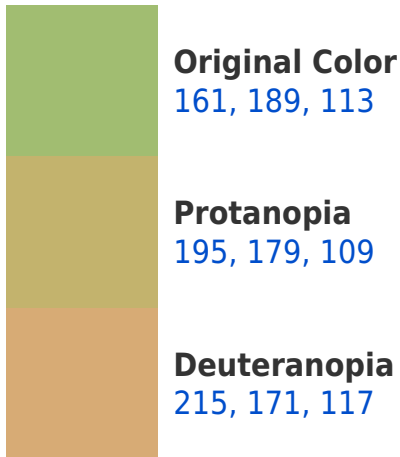


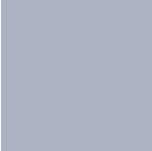
This preview shows how white text looks on a background with the RGB color 161, 189, 113.

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

172, 179, 194

Trichromacy



Original Color
161, 189, 113

Protanomaly
183, 183, 110

Deuteranomaly
195, 178, 116

Tritanomaly
168, 183, 165

Monochromacy



Original Color
161, 189, 113

Achromatopsia
172, 172, 172

Achromatomaly
168, 178, 151

CSS Examples

Text

The CSS property to change the color of the text to RGB 161, 189, 113 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(161, 189, 113)` looks like.

```
.text, #text, p{  
    color:rgb(161, 189, 113)  
}
```

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(161, 189, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 189, 113) }
```

Border

The CSS property to change the border of an element to RGB 161, 189, 113 is called "border". The border property can be set on classes, ids or directly on the HTML element.

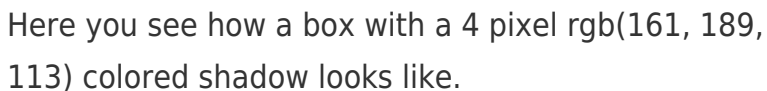
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(161, 189, 113) }
```

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

```
.border{ border-color:rgb(161, 189, 113) }
```

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



Here you see how a box with a 4 pixel `rgb(161, 189, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 189, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 189, 113);  
box-shadow:4px 4px 4px 4px rgb(161, 189,  
113) }
```

Background

The CSS property to change the background color of an element to RGB 161, 189, 113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 189, 113) }
```

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

```
.background{ background-color: rgb(161,  
189, 113) }
```

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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