

Converting Colors

RGB(166, 189, 135)

Have a look what the booklet for
RGB(166, 189, 135) contains.

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Color

RGB(166, 189, 135)

Conversions

Conversions Part 1

Format	Color
Hex	A6BD87
RGB	166, 189, 135
RGB Percent	65%, 74%, 53%
CMY	0.3490, 0.2588, 0.4706
CMYK	0.12, 0.00, 0.29, 0.26
HSL	86°, 29%, 64%
HSV	86°, 29%, 74%
XYZ	38.2967, 46.2515, 29.8306
YIQ	175.9670, 3.6260, -21.6700

Conversions

Conversions Part 2

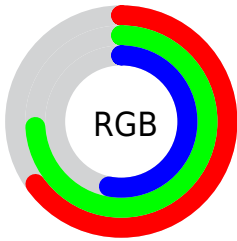
Format	Color
RYB	135, 189, 158
Decimal	10927495
CIELab	73.71, -17.38, 24.77
CIELCh	74, 30.259, 125.046
Yxy	46.2515, 0.3348, 0.4044
Android (android.graphics.Color)	4289117575 (0xFFA6BD87)
YUV	175.9670, -20.1967, -8.7411
Hunter-Lab	68.0084, -18.4985, 21.5994

Details

The RGB color **166, 189, 135** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **158, 135, 189**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **222, 245, 189**, and **113, 136, 85** is the 20% darker color. If you saturate the color by 10%, you get **158, 189, 116**, and if you desaturate by 10%, it is **174, 189, 154**.

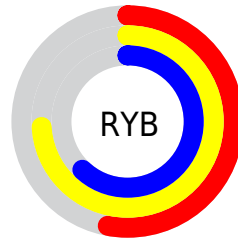
Distribution



Red (65%)

Green (74%)

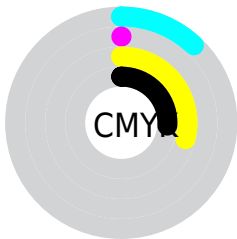
Blue (53%)



Red (53%)

Yellow (74%)

Blue (62%)

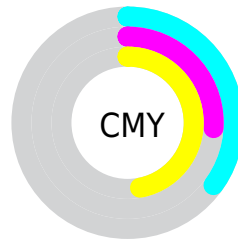


Cyan (12%)

Magenta (0%)

Yellow (29%)

Black (26%)



Cyan (35%)

Magenta (26%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RGB color 166, 189, 135 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 166, 189, 135 by changing the saturation by 10% instead.

 166, 189, 135


255, 255, 255

 222, 245, 189


 250, 255, 216

 255, 255, 245


 166, 189, 135


 139, 162, 109

 113, 136, 85

 88, 110, 61

 64, 86, 38

 41, 62, 16

 21, 40, 0

 0, 21, 0


 0, 0, 0


 166, 189, 135


 166, 189, 135


 158, 189, 116

 174, 189, 154

 150, 189, 97


 182, 189, 173

 142, 189, 78


 190, 189, 192

 134, 189, 59


 198, 189, 211

 126, 189, 40

 206, 189, 230


 118, 189, 22

 214, 189, 248

 110, 189, 3

 222, 189, 255

 108, 189, 0

 230, 189, 255

 238, 189, 255

Harmonies

Analogous

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



196, 181, 126



166, 189, 135



134, 194, 157

Triad

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



166, 189, 135



114, 190, 231



236, 160, 177

Complementary

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



166, 189, 135



158, 135, 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.



221, 164, 205



166, 189, 135



152, 182, 236

Square

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



166, 189, 135



94, 195, 212



191, 172, 227



235, 164, 151

Rectangle

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



166, 189, 135



114, 196, 175



191, 172, 227



232, 161, 187

Sweetspot

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



166, 189, 135



235, 245, 223



189, 158, 135



117, 122, 109



250, 250, 250



122, 122, 122

Same Dimension

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



166, 189, 135



209, 245, 162



140, 189, 135



90, 94, 85



91, 158, 0



18, 31, 0

Inverse Universe

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



158, 135, 189



197, 162, 245



185, 135, 189



89, 85, 94



67, 0, 158



13, 0, 31

Previews

White Background



This preview shows how the RGB color 166, 189, 135 looks on a white background.

Color Contrast Check

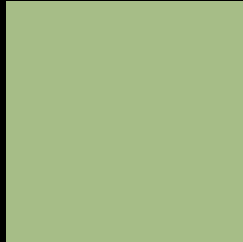
Large Text (above 18pt) WCAG AA × Fail

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 166, 189, 135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

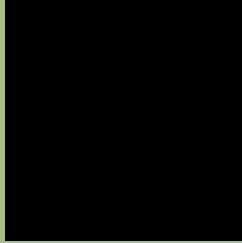
Any Text WCAG AA ✓ Pass

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 166, 189, 135 Background



This preview shows how black text looks on a background with the RGB color 166, 189, 135.

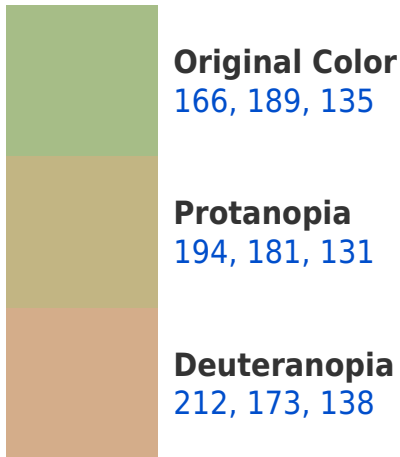


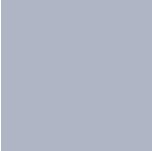
This preview shows how white text looks on a background with the RGB color 166, 189, 135.

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
175, 181, 196

Trichromacy



Original Color
166, 189, 135

Protanomaly
184, 184, 132

Deuteranomaly
195, 179, 137

Tritanomaly
172, 184, 174

Monochromacy



Original Color
166, 189, 135

Achromatopsia
176, 176, 176

Achromatomaly
172, 181, 161

CSS Examples

Text

The CSS property to change the color of the text to RGB 166, 189, 135 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(166, 189, 135)` looks like.

```
.text, #text, p{  
    color:rgb(166, 189, 135)  
}
```

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(166, 189, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 189, 135) }
```

Border

The CSS property to change the border of an element to RGB 166, 189, 135 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(166, 189, 135) }
```

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

```
.border{ border-color:rgb(166, 189, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 189, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 189, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 189, 135);  
box-shadow:4px 4px 4px 4px rgb(166, 189,  
135) }
```

Background

The CSS property to change the background color of an element to RGB 166, 189, 135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 189, 135) }
```

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

```
.background{ background-color: rgb(166,  
189, 135) }
```

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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