

Converting Colors

RGB(166, 186, 165)

Have a look what the booklet for
RGB(166, 186, 165) contains.

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Color

RGB(166, 186, 165)

Conversions

Conversions Part 1

Format	Color
Hex	A6BAA5
RGB	166, 186, 165
RGB Percent	65%, 73%, 65%
CMY	0.3490, 0.2706, 0.3529
CMYK	0.11, 0.00, 0.11, 0.27
HSL	117°, 13%, 69%
HSV	117°, 11%, 73%
XYZ	40.0763, 45.9414, 42.3526
YIQ	177.6260, -5.1790, -10.7710

Conversions

Conversions Part 2

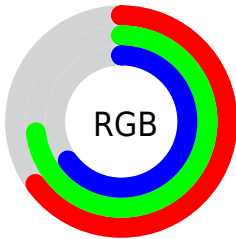
Format	Color
RYB	165, 186, 185
Decimal	10926757
CIELab	73.51, -10.88, 8.33
CIELCh	74, 13.698, 142.555
Yxy	45.9414, 0.3122, 0.3579
Android (android.graphics.Color)	4289116837 (0xFFA6BAA5)
YUV	177.6260, -6.2246, -10.1960
Hunter-Lab	67.7801, -13.0735, 10.3985

Details

The RGB color **166, 186, 165** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **185, 165, 186**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **221, 242, 220**, and **114, 133, 113** is the 20% darker color. If you saturate the color by 10%, you get **148, 186, 146**, and if you desaturate by 10%, it is **184, 186, 184**.

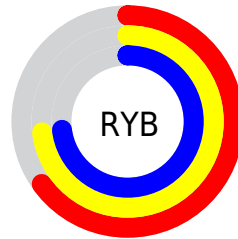
Distribution



Red (65%)

Green (73%)

Blue (65%)



Red (65%)

Yellow (73%)

Blue (73%)

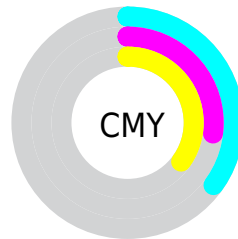


Cyan (11%)

Magenta (0%)

Yellow (11%)

Black (27%)



Cyan (35%)

Magenta (27%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 166, 186, 165 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, 186, 165 by changing the saturation by 10% instead.


 166, 186, 165

255, 255, 255


 221, 242, 220

 250, 255, 249

 166, 186, 165

 140, 159, 139

 114, 133, 113

 89, 108, 89

 66, 83, 65

 43, 60, 43

 22, 38, 23

 0, 19, 0


 0, 0, 0


 166, 186, 165

 166, 186, 165

 148, 186, 146

 184, 186, 184

 131, 186, 128

 201, 186, 202

 113, 186, 109


 219, 186, 221

 95, 186, 91

 237, 186, 239

 77, 186, 72

 255, 186, 255

 60, 186, 53

 255, 186, 255

 42, 186, 35

 24, 186, 16

 9, 186, 0

Harmonies

Analogous

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



180, 183, 157



166, 186, 165



154, 188, 177

Triad

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



166, 186, 165



163, 183, 205



208, 172, 171

Complementary

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



166, 186, 165



185, 165, 186

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.



204, 172, 184



166, 186, 165



179, 178, 204

Square

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



166, 186, 165



152, 186, 200



194, 175, 196



204, 175, 161

Rectangle

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



166, 186, 165



149, 188, 186



194, 175, 196



207, 172, 176

Sweetspot

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



166, 186, 165



235, 242, 235



186, 185, 165



118, 122, 118



250, 250, 250



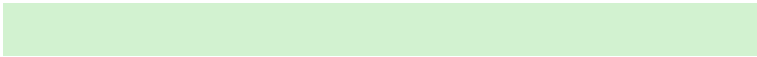
122, 122, 122

Same Dimension

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



166, 186, 165



210, 242, 208



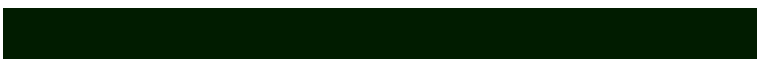
165, 186, 174



83, 92, 83



7, 156, 0



1, 28, 0

Inverse Universe

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



185, 165, 186



241, 208, 242



186, 165, 177



91, 83, 92



148, 0, 156



27, 0, 28

Previews

White Background



This preview shows how the RGB color 166, 186, 165 looks on a white background.

Color Contrast Check

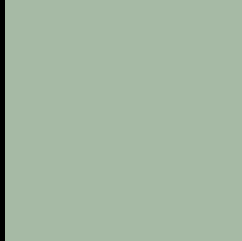
Large Text (above 18pt) WCAG AA × Fail

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, 186, 165 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

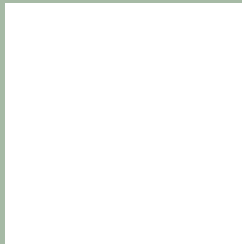
Any Text WCAG AAA ✓ Pass

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

RGB 166, 186, 165 Background



This preview shows how black text looks on a background with the RGB color 166, 186, 165.

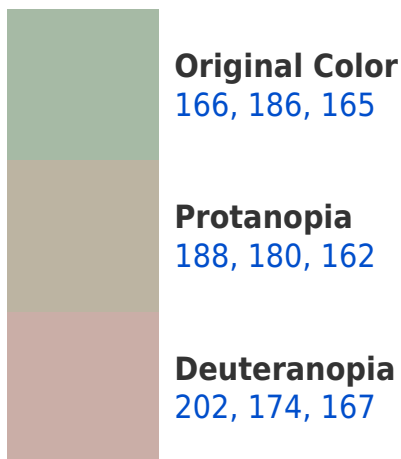


This preview shows how white text looks on a background with the RGB color 166, 186, 165.

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
171, 182, 196

Trichromacy



Original Color

166, 186, 165

Protanomaly

180, 182, 163

Deuteranomaly

189, 178, 166

Tritanomaly

169, 183, 185

Monochromacy



Original Color

166, 186, 165

Achromatopsia

178, 178, 178

Achromatomaly

174, 181, 173

CSS Examples

Text

The CSS property to change the color of the text to RGB 166, 186, 165 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, 186, 165)` looks like.

```
.text, #text, p{  
    color:rgb(166, 186, 165)  
}
```

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, 186, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 186, 165) }
```

Border

The CSS property to change the border of an element to RGB 166, 186, 165 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, 186, 165) }
```

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

```
.border{ border-color:rgb(166, 186, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 186, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 186, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 186, 165);  
box-shadow:4px 4px 4px 4px rgb(166, 186,  
165) }
```

Background

The CSS property to change the background color of an element to RGB 166, 186, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 186, 165) }
```

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

```
.background{ background-color: rgb(166,  
186, 165) }
```

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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