

Converting Colors

RGB(166, 192, 161)

Have a look what the booklet for
RGB(166, 192, 161) contains.

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Color

RGB(166, 192, 161)

Conversions

Conversions Part 1

Format	Color
Hex	A6C0A1
RGB	166, 192, 161
RGB Percent	65%, 75%, 63%
CMY	0.3490, 0.2471, 0.3686
CMYK	0.14, 0.00, 0.16, 0.25
HSL	110°, 20%, 69%
HSV	110°, 16%, 75%
XYZ	41.0085, 48.3795, 40.8950
YIQ	180.6920, -5.5450, -15.1530

Conversions

Conversions Part 2

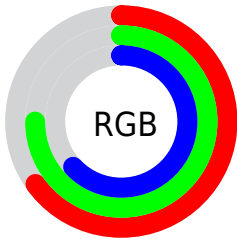
Format	Color
RYB	161, 192, 187
Decimal	10928289
CIELab	75.06, -14.70, 12.71
CIELCh	75, 19.429, 139.158
Yxy	48.3795, 0.3148, 0.3713
Android (android.graphics.Color)	4289118369 (0xFFA6C0A1)
YUV	180.6920, -9.7082, -12.8849
Hunter-Lab	69.5554, -16.4816, 13.8292

Details

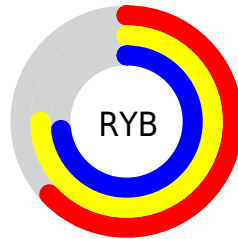
The RGB color **166, 192, 161** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **187, 161, 192**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **221, 248, 216**, and **114, 138, 109** is the 20% darker color. If you saturate the color by 10%, you get **150, 192, 142**, and if you desaturate by 10%, it is **182, 192, 180**.

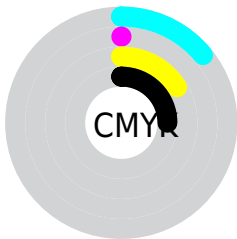
Distribution



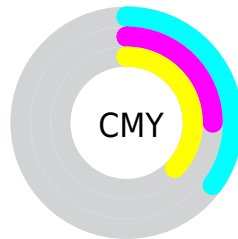
- Red (65%)
- Green (75%)
- Blue (63%)



- Red (63%)
- Yellow (75%)
- Blue (73%)



- Cyan (14%)
- Magenta (0%)
- Yellow (16%)
- Black (25%)



- Cyan (35%)
- Magenta (25%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RGB color 166, 192, 161 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, 192, 161 by changing the saturation by 10% instead.


 166, 192, 161


255, 255, 255


 221, 248, 216

 250, 255, 244

 166, 192, 161


 139, 165, 135

 114, 138, 109

 89, 113, 85

 65, 88, 62

 43, 65, 40


 21, 43, 19

 0, 23, 0

 0, 0, 0

 166, 192, 161


 166, 192, 161


 150, 192, 142


 182, 192, 180


 134, 192, 123

 198, 192, 199

 118, 192, 103

 214, 192, 219

 102, 192, 84


 230, 192, 238

 85, 192, 65


 247, 192, 255

 69, 192, 46

 255, 192, 255

 53, 192, 27

 37, 192, 7

 31, 192, 0

Harmonies

Analogous

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



187, 187, 151



166, 192, 161



148, 195, 177

Triad

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



166, 192, 161



156, 188, 219



222, 173, 174

Complementary

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



166, 192, 161



187, 161, 192

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.



217, 173, 192



166, 192, 161



180, 182, 218

Square

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



166, 192, 161



140, 193, 211



202, 177, 208



218, 176, 158

Rectangle

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



166, 192, 161



139, 195, 190



202, 177, 208



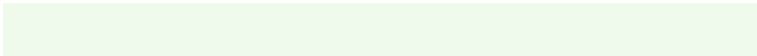
222, 172, 180

Sweetspot

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



166, 192, 161



239, 250, 237



192, 187, 161



119, 125, 117



252, 252, 252



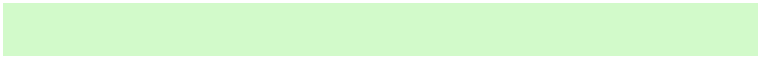
125, 125, 125

Same Dimension

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



166, 192, 161



210, 250, 202



161, 192, 171



89, 97, 87



26, 161, 0



5, 33, 0

Inverse Universe

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



187, 161, 192



242, 202, 250



192, 161, 182



95, 87, 97



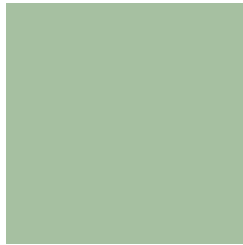
135, 0, 161



28, 0, 33

Previews

White Background



This preview shows how the RGB color 166, 192, 161 looks on a white background.

Color Contrast Check

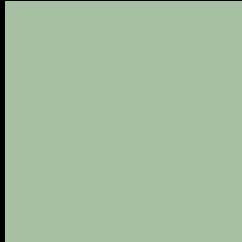
Large Text (above 18pt) WCAG AA × Fail

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, 192, 161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

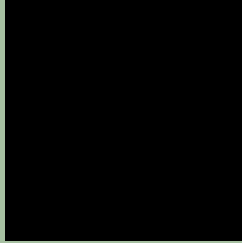
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

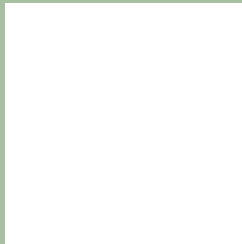
Any Text WCAG AAA ✓ Pass

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

RGB 166, 192, 161 Background



This preview shows how black text looks on a background with the RGB color 166, 192, 161.

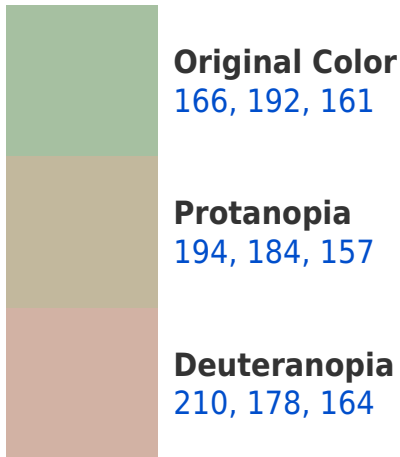


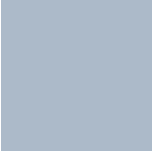
This preview shows how white text looks on a background with the RGB color 166, 192, 161.

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](#).

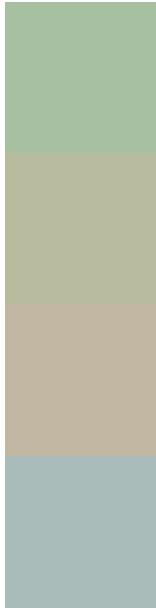
Dichromacy





Tritanopia
172, 186, 201

Trichromacy



Original Color

166, 192, 161

Protanomaly

184, 187, 158

Deuteranomaly

194, 183, 163

Tritanomaly

170, 188, 186

Monochromacy



Original Color

166, 192, 161

Achromatopsia

181, 181, 181

Achromatomaly

176, 185, 174

CSS Examples

Text

The CSS property to change the color of the text to RGB 166, 192, 161 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, 192, 161)` looks like.

```
.text, #text, p{  
    color:rgb(166, 192, 161)  
}
```

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, 192, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 192, 161) }
```

Border

The CSS property to change the border of an element to RGB 166, 192, 161 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, 192, 161) }
```

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

```
.border{ border-color:rgb(166, 192, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 192, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 192, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 192, 161);  
box-shadow:4px 4px 4px 4px rgb(166, 192,  
161) }
```

Background

The CSS property to change the background color of an element to RGB 166, 192, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 192, 161) }
```

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

```
.background{ background-color: rgb(166,  
192, 161) }
```

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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