

Converting Colors

RGB(166, 170, 147)

Have a look what the booklet for
RGB(166, 170, 147) contains.

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Color

RGB(166, 170, 147)

Conversions

Conversions Part 1

Format	Color
Hex	A6AA93
RGB	166, 170, 147
RGB Percent	65%, 67%, 58%
CMY	0.3490, 0.3333, 0.4235
CMYK	0.02, 0.00, 0.14, 0.33
HSL	70°, 12%, 62%
HSV	70°, 14%, 67%
XYZ	35.3671, 38.9630, 33.2603
YIQ	166.1820, 4.9990, -8.0010

Conversions

Conversions Part 2

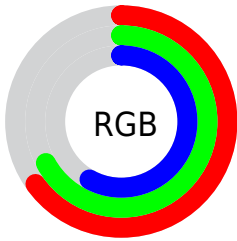
Format	Color
RYB	147, 170, 151
Decimal	10922643
CIELab	68.72, -5.56, 11.38
CIELCh	69, 12.667, 116.040
Yxy	38.9630, 0.3287, 0.3621
Android (android.graphics.Color)	4289112723 (0xFFA6AA93)
YUV	166.1820, -9.4567, -0.1596
Hunter-Lab	62.4204, -8.0984, 12.1019

Details

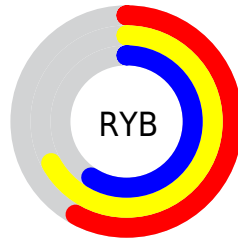
The RGB color **166, 170, 147** is a light color, and the websafe version is hex **999999**. A complement of this color would be **151, 147, 170**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **221, 225, 201**, and **114, 118, 96** is the 20% darker color. If you saturate the color by 10%, you get **163, 170, 130**, and if you desaturate by 10%, it is **169, 170, 164**.

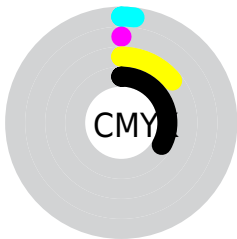
Distribution



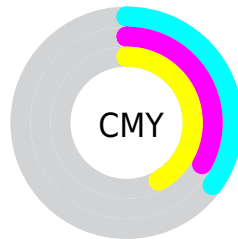
- Red (65%)
- Green (67%)
- Blue (58%)



- Red (58%)
- Yellow (67%)
- Blue (59%)



- Cyan (2%)
- Magenta (0%)
- Yellow (14%)
- Black (33%)



- Cyan (35%)
- Magenta (33%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 166, 170, 147 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, 170, 147 by changing the saturation by 10% instead.


 166, 170, 147

255, 255, 255

 221, 225, 201


 250, 254, 229

 166, 170, 147


 140, 144, 121

 114, 118, 96

 89, 93, 73

 66, 70, 50


 44, 47, 29

 24, 27, 4

 0, 0, 0

 166, 170, 147

 163, 170, 130

 166, 170, 147

 169, 170, 164

■ 160, 170, 113

■ 172, 170, 181

■ 157, 170, 96

■ 175, 170, 198

■ 154, 170, 79

■ 178, 170, 215

■ 151, 170, 62

■ 181, 170, 232

■ 148, 170, 45

■ 184, 170, 249

■ 145, 170, 28

■ 187, 170, 255

■ 142, 170, 11

■ 190, 170, 255

■ 140, 170, 0

■ 193, 170, 255

Harmonies

Analogous

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



179, 166, 145



166, 170, 147



153, 173, 155

Triad

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



166, 170, 147



142, 172, 186



190, 160, 170

Complementary

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



166, 170, 147



151, 147, 170

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.



181, 162, 181



166, 170, 147



154, 169, 190

Square

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



166, 170, 147



138, 174, 177



168, 165, 188



192, 160, 158

Rectangle

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



166, 170, 147



146, 174, 162



168, 165, 188



188, 160, 173

Sweetspot

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



166, 170, 147



220, 222, 213



170, 151, 147



111, 112, 107



240, 240, 240



112, 112, 112

Same Dimension

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



166, 170, 147



216, 222, 186



155, 170, 147



83, 84, 76



122, 148, 0



17, 20, 0

Inverse Universe

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



151, 147, 170



193, 186, 222



162, 147, 170



77, 76, 84



26, 0, 148



4, 0, 20

Previews

White Background



This preview shows how the RGB color 166, 170, 147 looks on a white background.

Color Contrast Check

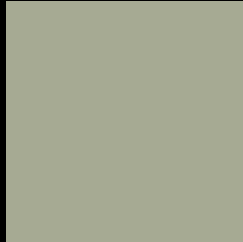
Large Text (above 18pt) WCAG AA × Fail

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, 170, 147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

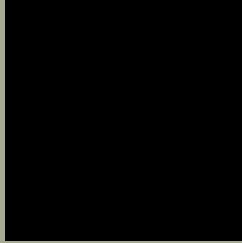
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

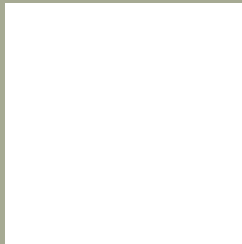
Any Text WCAG AAA ✓ Pass

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

RGB 166, 170, 147 Background



This preview shows how black text looks on a background with the RGB color 166, 170, 147.



This preview shows how white text looks on a background with the RGB color 166, 170, 147.

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



Original Color
166, 170, 147

Protanopia
176, 167, 146

Deuteranopia
191, 161, 149



Tritanopia
171, 165, 179

Trichromacy



Original Color

166, 170, 147

Protanomaly

172, 168, 146

Deuteranomaly

182, 164, 148

Tritanomaly

169, 167, 167

Monochromacy



Original Color

166, 170, 147

Achromatopsia

166, 166, 166

Achromatomaly

166, 167, 159

CSS Examples

Text

The CSS property to change the color of the text to RGB 166, 170, 147 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, 170, 147)` looks like.

```
.text, #text, p{  
    color:rgb(166, 170, 147)  
}
```

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, 170, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 170, 147) }
```

Border

The CSS property to change the border of an element to RGB 166, 170, 147 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, 170, 147) }
```

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

```
.border{ border-color:rgb(166, 170, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 170, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 170, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 170, 147);  
box-shadow:4px 4px 4px 4px rgb(166, 170,  
147) }
```

Background

The CSS property to change the background color of an element to RGB 166, 170, 147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 170, 147) }
```

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

```
.background{ background-color: rgb(166,  
170, 147) }
```

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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