

Converting Colors

RGB(166, 168, 105)

Have a look what the booklet for
RGB(166, 168, 105) contains.

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Color

RGB(166, 168, 105)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | A6A869 |
| RGB | 166, 168, 105 |
| RGB Percent | 65%, 66%, 41% |
| CMY | 0.3490, 0.3412, 0.5882 |
| CMYK | 0.01, 0.00, 0.38, 0.34 |
| HSL | 62°, 27%, 54% |
| HSV | 62°, 38%, 66% |
| XYZ | 32.2783, 37.1322, 18.8306 |
| YIQ | 160.2200, 19.0310, -20.0170 |

Conversions

Conversions Part 2

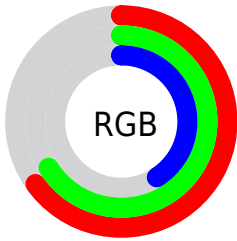
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 105, 168, 107 |
| Decimal | 10922089 |
| CIELab | 67.38, -10.54, 32.32 |
| CIELCh | 67, 33.998, 108.058 |
| Yxy | 37.1322, 0.3658, 0.4208 |
| Android (android.graphics.Color) | 4289112169 (0xFFA6A869) |
| YUV | 160.2200, -27.2235, 5.0691 |
| Hunter-Lab | 60.9362, -12.0856, 24.3334 |

Details

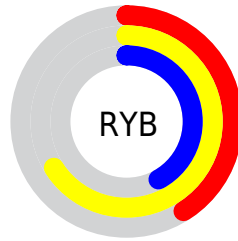
The RGB color **166, 168, 105** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **107, 105, 168**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **222, 223, 157**, and **113, 116, 56** is the 20% darker color. If you saturate the color by 10%, you get **165, 168, 88**, and if you desaturate by 10%, it is **167, 168, 122**.

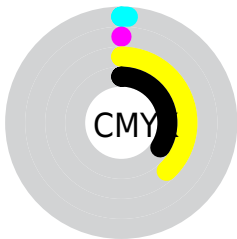
Distribution



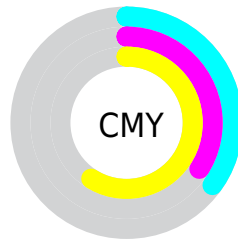
- Red (65%)
- Green (66%)
- Blue (41%)



- Red (41%)
- Yellow (66%)
- Blue (42%)



- Cyan (1%)
- Magenta (0%)
- Yellow (38%)
- Black (34%)



- Cyan (35%)
- Magenta (34%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RGB color 166, 168, 105 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, 168, 105 by changing the saturation by 10% instead.

 166, 168, 105

255, 255, 255

 222, 223, 157

 251, 252, 184

 255, 255, 212

 255, 255, 241

 166, 168, 105


 139, 142, 80

 113, 116, 56

 88, 92, 33

 63, 68, 9


 41, 46, 0


 14, 26, 0

 0, 0, 0

 166, 168, 105

 165, 168, 88

 166, 168, 105

 167, 168, 122

■ 165, 168, 71

■ 167, 168, 139

■ 164, 168, 55

■ 168, 168, 155

■ 164, 168, 38

■ 168, 168, 172

■ 163, 168, 21

■ 169, 168, 189

■ 163, 168, 4

■ 169, 168, 206

■ 163, 168, 0

■ 170, 168, 223

■ 170, 168, 239

■ 171, 168, 255

Harmonies

Analogous

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



196, 158, 104



166, 168, 105



131, 176, 122

Triad

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



166, 168, 105



57, 178, 209



216, 142, 178

Complementary

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



166, 168, 105



107, 105, 168

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.



191, 150, 205



166, 168, 105



101, 171, 223

Square

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



166, 168, 105



58, 181, 182



150, 161, 222



225, 141, 147

Rectangle

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



166, 168, 105



106, 179, 140



150, 161, 222



210, 144, 188

Sweetspot

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



166, 168, 105



219, 219, 195



168, 106, 105



109, 110, 95



237, 237, 237



110, 110, 110

Same Dimension

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



166, 168, 105



216, 219, 121



135, 168, 105



84, 84, 76



143, 148, 0



20, 20, 0

Inverse Universe

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



107, 105, 168



124, 121, 219



138, 105, 168



76, 76, 84



5, 0, 148



1, 0, 20

Previews

White Background



This preview shows how the RGB color 166, 168, 105 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, 168, 105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

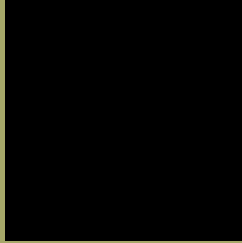
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

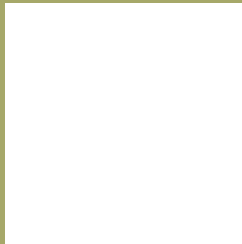
Any Text WCAG AAA ✓ Pass

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

RGB 166, 168, 105 Background



This preview shows how black text looks on a background with the RGB color 166, 168, 105.



This preview shows how white text looks on a background with the RGB color 166, 168, 105.

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, 168, 105

Protanopia
179, 164, 103

Deuteranopia
197, 157, 107



Tritanopia

174, 160, 172

Trichromacy



Original Color
166, 168, 105

Protanomaly
174, 165, 104

Deuteranomaly
186, 161, 106

Tritanomaly
171, 163, 148

Monochromacy



Original Color
166, 168, 105

Achromatopsia
160, 160, 160

Achromatomaly
162, 163, 140

CSS Examples

Text

The CSS property to change the color of the text to RGB 166, 168, 105 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, 168, 105)` looks like.

```
.text, #text, p{  
    color:rgb(166, 168, 105)  
}
```

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, 168, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 168, 105) }
```

Border

The CSS property to change the border of an element to RGB 166, 168, 105 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, 168, 105) }
```

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

```
.border{ border-color:rgb(166, 168, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 168, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 168, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 168, 105);  
box-shadow:4px 4px 4px 4px rgb(166, 168,  
105) }
```

Background

The CSS property to change the background color of an element to RGB 166, 168, 105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 168, 105) }
```

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

```
.background{ background-color: rgb(166,  
168, 105) }
```

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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