

Converting Colors

RGB(166, 184, 126)

Have a look what the booklet for
RGB(166, 184, 126) contains.

RGB(166, 184, 126)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(166, 184, 126)

Conversions

Conversions Part 1

Format	Color
Hex	A6B87E
RGB	166, 184, 126
RGB Percent	65%, 72%, 49%
CMY	0.3490, 0.2784, 0.5059
CMYK	0.10, 0.00, 0.32, 0.28
HSL	79°, 29%, 61%
HSV	79°, 32%, 72%
XYZ	36.6323, 43.8943, 26.2804
YIQ	172.0060, 7.8900, -21.8540

Conversions

Conversions Part 2

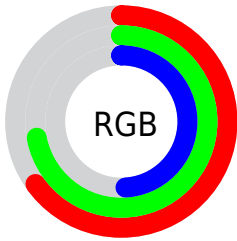
Format	Color
RYB	126, 184, 144
Decimal	10926206
CIELab	72.16, -16.12, 27.47
CIELCh	72, 31.853, 120.406
Yxy	43.8943, 0.3430, 0.4110
Android (android.graphics.Color)	4289116286 (0xFFA6B87E)
YUV	172.0060, -22.6810, -5.2673
Hunter-Lab	66.2528, -17.2468, 22.8585

Details

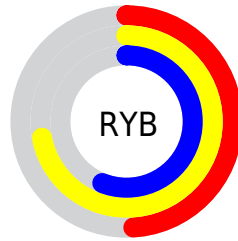
The RGB color **166, 184, 126** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **144, 126, 184**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **222, 240, 179**, and **113, 131, 76** is the 20% darker color. If you saturate the color by 10%, you get **160, 184, 108**, and if you desaturate by 10%, it is **172, 184, 144**.

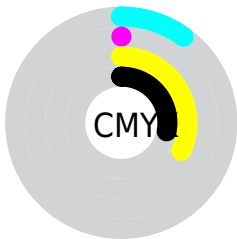
Distribution



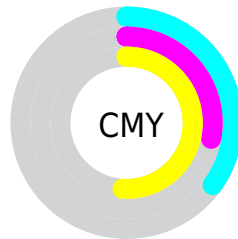
- Red (65%)
- Green (72%)
- Blue (49%)



- Red (49%)
- Yellow (72%)
- Blue (56%)



- Cyan (10%)
- Magenta (0%)
- Yellow (32%)
- Black (28%)



- Cyan (35%)
- Magenta (28%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RGB color 166, 184, 126 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, 184, 126 by changing the saturation by 10% instead.

 166, 184, 126

255, 255, 255


 222, 240, 179

 250, 255, 207

 255, 255, 235


 166, 184, 126

 139, 157, 101


 113, 131, 76

 88, 106, 53

 64, 82, 30

 41, 59, 7

 19, 37, 0

 0, 14, 0


 0, 0, 0

 166, 184, 126


 166, 184, 126

 160, 184, 108


 172, 184, 144

 155, 184, 89

 177, 184, 163

 149, 184, 71

 183, 184, 181


 143, 184, 52

 189, 184, 200


 137, 184, 34


 195, 184, 218


 132, 184, 16

 200, 184, 236

 127, 184, 0

 206, 184, 255

 212, 184, 255

 217, 184, 255

Harmonies

Analogous

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



197, 175, 119



166, 184, 126



132, 190, 147

Triad

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



166, 184, 126



98, 188, 227



232, 155, 178

Complementary

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



166, 184, 126



144, 126, 184

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.



214, 160, 206



166, 184, 126



139, 179, 235

Square

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



166, 184, 126



81, 192, 205



181, 169, 227



234, 157, 149

Rectangle

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



166, 184, 126



110, 192, 166



181, 169, 227



228, 156, 188

Sweetspot

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



166, 184, 126



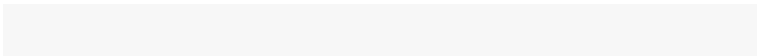
233, 240, 218



184, 143, 126



116, 120, 107



247, 247, 247



120, 120, 120

Same Dimension

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



166, 184, 126



211, 240, 149



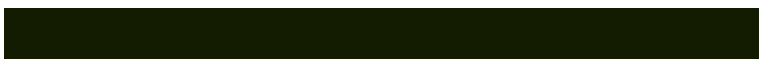
138, 184, 126



89, 92, 83



107, 156, 0



19, 28, 0

Inverse Universe

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



144, 126, 184



177, 149, 240



172, 126, 184



85, 83, 92



48, 0, 156



9, 0, 28

Previews

White Background



This preview shows how the RGB color 166, 184, 126 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, 184, 126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

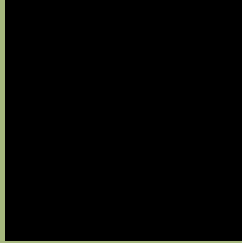
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

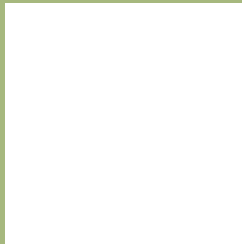
Any Text WCAG AAA ✓ Pass

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

RGB 166, 184, 126 Background



This preview shows how black text looks on a background with the RGB color 166, 184, 126.



This preview shows how white text looks on a background with the RGB color 166, 184, 126.

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, 184, 126

Protanopia
191, 177, 123

Deuteranopia
209, 169, 129



Tritanopia
175, 176, 190

Trichromacy



Original Color
166, 184, 126

Protanomaly
182, 180, 124

Deuteranomaly
193, 174, 128

Tritanomaly
172, 179, 167

Monochromacy



Original Color
166, 184, 126

Achromatopsia
172, 172, 172

Achromatomaly
170, 176, 155

CSS Examples

Text

The CSS property to change the color of the text to RGB 166, 184, 126 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, 184, 126)` looks like.

```
.text, #text, p{  
    color:rgb(166, 184, 126)  
}
```

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, 184, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 184, 126) }
```

Border

The CSS property to change the border of an element to RGB 166, 184, 126 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, 184, 126) }
```

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

```
.border{ border-color:rgb(166, 184, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 184, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 184, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 184, 126); box-shadow:4px 4px 4px 4px rgb(166, 184, 126) }
```

Background

The CSS property to change the background color of an element to RGB 166, 184, 126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 184, 126) }
```

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

```
.background{ background-color: rgb(166,  
184, 126) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor