

Converting Colors

RGB(166, 199, 128)

Have a look what the booklet for
RGB(166, 199, 128) contains.

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Color

RGB(166, 199, 128)

Conversions

Conversions Part 1

Format	Color
Hex	A6C780
RGB	166, 199, 128
RGB Percent	65%, 78%, 50%
CMY	0.3490, 0.2196, 0.4980
CMYK	0.17, 0.00, 0.36, 0.22
HSL	88°, 39%, 64%
HSV	88°, 36%, 78%
XYZ	40.0456, 50.5124, 28.0613
YIQ	181.0390, 3.1230, -29.0770

Conversions

Conversions Part 2

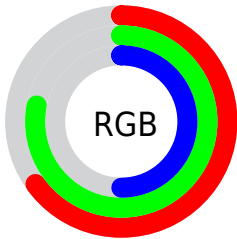
Format	Color
RYB	128, 199, 161
Decimal	10930048
CIELab	76.38, -23.36, 32.00
CIELCh	76, 39.626, 126.131
Yxy	50.5124, 0.3376, 0.4258
Android (android.graphics.Color)	4289120128 (0xFFA6C780)
YUV	181.0390, -26.1482, -13.1892
Hunter-Lab	71.0720, -23.8001, 26.3410

Details

The RGB color **166, 199, 128** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **161, 128, 199**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **222, 255, 181**, and **113, 145, 78** is the 20% darker color. If you saturate the color by 10%, you get **157, 199, 108**, and if you desaturate by 10%, it is **175, 199, 148**.

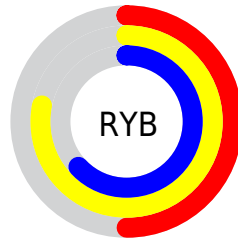
Distribution



Red (65%)

Green (78%)

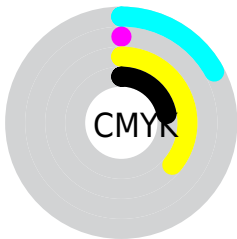
Blue (50%)



Red (50%)

Yellow (78%)

Blue (63%)

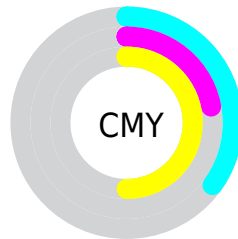


Cyan (17%)

Magenta (0%)

Yellow (36%)

Black (22%)



Cyan (35%)

Magenta (22%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RGB color 166, 199, 128 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, 199, 128 by changing the saturation by 10% instead.

 166, 199, 128

255, 255, 255

 222, 255, 181

 251, 255, 209


 255, 255, 238

 166, 199, 128

 139, 172, 102

 113, 145, 78

 87, 119, 54

 63, 94, 30


 39, 70, 6


 16, 48, 0

 0, 29, 0


 0, 0, 0

 166, 199, 128


 166, 199, 128

 157, 199, 108


 175, 199, 148

 148, 199, 88


 184, 199, 168

 138, 199, 68


 194, 199, 188


 129, 199, 48

 203, 199, 208


 120, 199, 28


 212, 199, 228

 111, 199, 9

 221, 199, 247

 107, 199, 0

 231, 199, 255

 240, 199, 255

 249, 199, 255

Harmonies

Analogous

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



205, 189, 115



166, 199, 128



121, 206, 158

Triad

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



166, 199, 128



85, 200, 255



255, 160, 182

Complementary

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



166, 199, 128



161, 128, 199

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.



241, 165, 219



166, 199, 128



148, 189, 255

Square

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



166, 199, 128



39, 206, 230



203, 176, 248



255, 165, 147

Rectangle

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



166, 199, 128



89, 208, 182



203, 176, 248



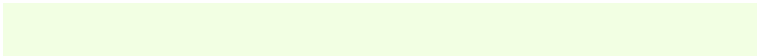
255, 160, 195

Sweetspot

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



166, 199, 128



242, 255, 227



199, 160, 128



120, 128, 111



0, 0, 0



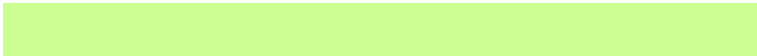
128, 128, 128

Same Dimension

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



166, 199, 128



204, 255, 145



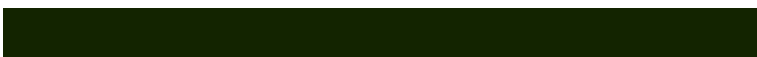
132, 199, 128



95, 99, 90



87, 163, 0



19, 36, 0

Inverse Universe

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



161, 128, 199



196, 145, 255



195, 128, 199



94, 90, 99



76, 0, 163



17, 0, 36

Previews

White Background



This preview shows how the RGB color 166, 199, 128 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, 199, 128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

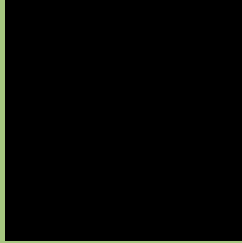
Any Text WCAG AA ✓ Pass

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, 199, 128 Background



This preview shows how black text looks on a background with the RGB color 166, 199, 128.

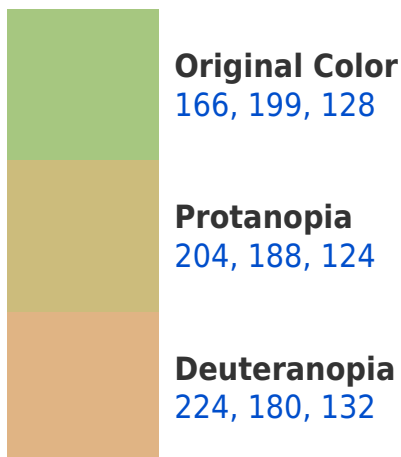


This preview shows how white text looks on a background with the RGB color 166, 199, 128.

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
177, 190, 205

Trichromacy



Original Color
166, 199, 128

Protanomaly
190, 192, 125

Deuteranomaly
203, 187, 131

Tritanomaly
173, 193, 177

Monochromacy



Original Color
166, 199, 128

Achromatopsia
181, 181, 181

Achromatomaly
176, 188, 162

CSS Examples

Text

The CSS property to change the color of the text to RGB 166, 199, 128 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, 199, 128)` looks like.

```
.text, #text, p{  
    color:rgb(166, 199, 128)  
}
```

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, 199, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 199, 128) }
```

Border

The CSS property to change the border of an element to RGB 166, 199, 128 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, 199, 128) }
```

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

```
.border{ border-color:rgb(166, 199, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 199, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 199, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 199, 128);  
box-shadow:4px 4px 4px 4px rgb(166, 199,  
128) }
```

Background

The CSS property to change the background color of an element to RGB 166, 199, 128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 199, 128) }
```

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

```
.background{ background-color: rgb(166,  
199, 128) }
```

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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