

Converting Colors

RGB(166, 203, 164)

Have a look what the booklet for
RGB(166, 203, 164) contains.

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Color

RGB(166, 203, 164)

Conversions

Conversions Part 1

Format	Color
Hex	A6CBA4
RGB	166, 203, 164
RGB Percent	65%, 80%, 64%
CMY	0.3490, 0.2039, 0.3569
CMYK	0.18, 0.00, 0.19, 0.20
HSL	117°, 27%, 72%
HSV	117°, 19%, 80%
XYZ	43.7827, 53.4992, 43.1407
YIQ	187.4910, -9.5330, -19.9730

Conversions

Conversions Part 2

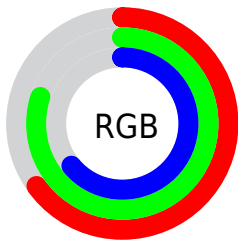
Format	Color
RYB	164, 203, 201
Decimal	10931108
CIELab	78.17, -19.75, 15.47
CIElCh	78, 25.083, 141.935
Yxy	53.4992, 0.3118, 0.3810
Android (android.graphics.Color)	4289121188 (0xFFA6CBA4)
YUV	187.4910, -11.5811, -18.8476
Hunter-Lab	73.1431, -21.1524, 16.2302

Details

The RGB color **166, 203, 164** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **201, 164, 203**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **221, 255, 219**, and **114, 149, 112** is the 20% darker color. If you saturate the color by 10%, you get **147, 203, 144**, and if you desaturate by 10%, it is **185, 203, 184**.

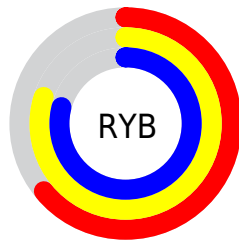
Distribution



Red (65%)

Green (80%)

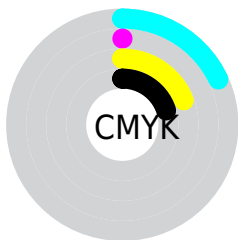
Blue (64%)



Red (64%)

Yellow (80%)

Blue (79%)

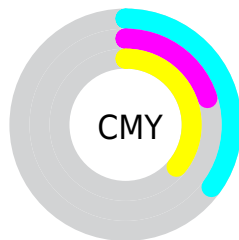


Cyan (18%)

Magenta (0%)

Yellow (19%)

Black (20%)



Cyan (35%)

Magenta (20%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 166, 203, 164 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, 203, 164 by changing the saturation by 10% instead.

 166, 203, 164


255, 255, 255

 221, 255, 219

 250, 255, 248


 166, 203, 164

 139, 176, 138

 114, 149, 112

 89, 123, 88

 64, 98, 64

 41, 74, 42

 18, 51, 21

 0, 30, 0

 0, 0, 0

 166, 203, 164

 166, 203, 164

 147, 203, 144

 185, 203, 184

 127, 203, 123

 205, 203, 205

 108, 203, 103

 224, 203, 225

 89, 203, 83

 243, 203, 245

 70, 203, 63

 255, 203, 255

 50, 203, 42

 31, 203, 22

 12, 203, 2

 10, 203, 0

Harmonies

Analogous

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



193, 197, 150



166, 203, 164



142, 206, 186

Triad

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



166, 203, 164



157, 197, 239



241, 177, 177

Complementary

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



166, 203, 164



201, 164, 203

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.



236, 177, 201



166, 203, 164



189, 190, 236

Square

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



166, 203, 164



133, 203, 229



217, 182, 222



234, 182, 158

Rectangle

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



166, 203, 164



130, 207, 202



217, 182, 222



241, 177, 185

Sweetspot

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



166, 203, 164



240, 255, 240



203, 200, 164



119, 128, 119



0, 0, 0



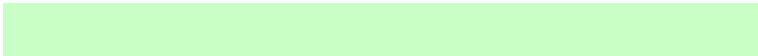
128, 128, 128

Same Dimension

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



166, 203, 164



199, 255, 196



164, 203, 181



92, 102, 92



8, 166, 0



2, 38, 0

Inverse Universe

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



201, 164, 203



252, 196, 255



203, 164, 186



101, 92, 102



157, 0, 166



36, 0, 38

Previews

White Background



This preview shows how the RGB color 166, 203, 164 looks on a white background.

Color Contrast Check

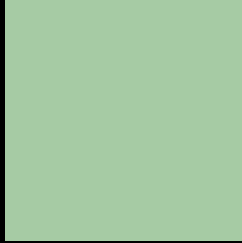
Large Text (above 18pt) WCAG AA × Fail

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, 203, 164 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, 203, 164 Background



This preview shows how black text looks on a background with the RGB color 166, 203, 164.

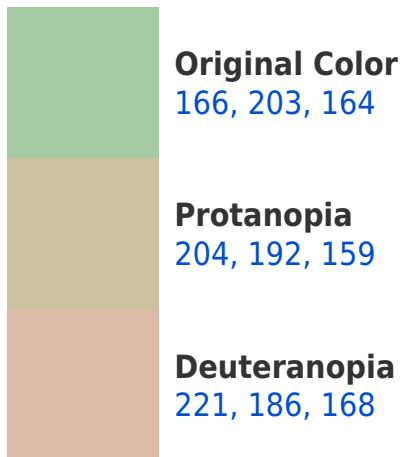


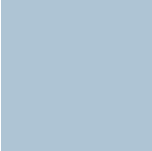
This preview shows how white text looks on a background with the RGB color 166, 203, 164.

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](#).

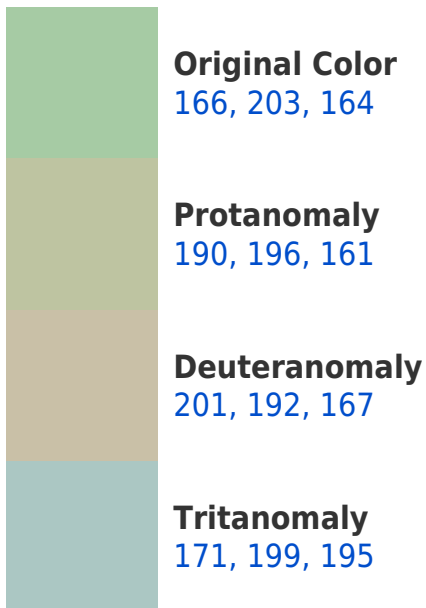
Dichromacy



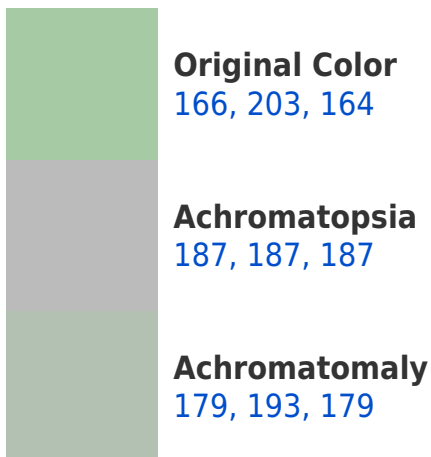


Tritanopia
174, 196, 212

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 166, 203, 164 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, 203, 164)` looks like.

```
.text, #text, p{  
    color:rgb(166, 203, 164)  
}
```

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, 203, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 203, 164) }
```

Border

The CSS property to change the border of an element to RGB 166, 203, 164 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, 203, 164) }
```

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

```
.border{ border-color:rgb(166, 203, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 203, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 203, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 203, 164);  
box-shadow:4px 4px 4px 4px rgb(166, 203,  
164) }
```

Background

The CSS property to change the background color of an element to RGB 166, 203, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 203, 164) }
```

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

```
.background{ background-color: rgb(166,  
203, 164) }
```

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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