

Converting Colors

RGB(164, 181, 145)

Have a look what the booklet for
RGB(164, 181, 145) contains.

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Color

RGB(164, 181, 145)

Conversions

Conversions Part 1

Format	Color
Hex	A4B591
RGB	164, 181, 145
RGB Percent	64%, 71%, 57%
CMY	0.3569, 0.2902, 0.4314
CMYK	0.09, 0.00, 0.20, 0.29
HSL	88°, 20%, 64%
HSV	88°, 20%, 71%
XYZ	36.9446, 42.9846, 33.1377
YIQ	171.8130, 1.4240, -14.8000

Conversions

Conversions Part 2

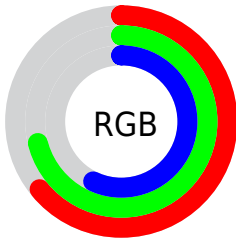
Format	Color
RYB	145, 181, 162
Decimal	10794385
CIELab	71.54, -12.45, 16.41
CIELCh	72, 20.596, 127.181
Yxy	42.9846, 0.3267, 0.3802
Android (android.graphics.Color)	4288984465 (0xFFA4B591)
YUV	171.8130, -13.2188, -6.8520
Hunter-Lab	65.5626, -14.1499, 15.9265

Details

The RGB color **164, 181, 145** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **162, 145, 181**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **219, 237, 199**, and **112, 128, 94** is the 20% darker color. If you saturate the color by 10%, you get **155, 181, 127**, and if you desaturate by 10%, it is **173, 181, 163**.

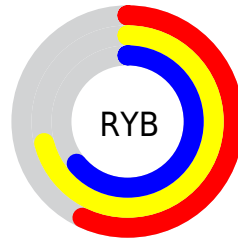
Distribution



Red (64%)

Green (71%)

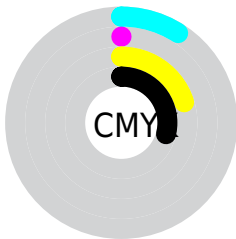
Blue (57%)



Red (57%)

Yellow (71%)

Blue (64%)

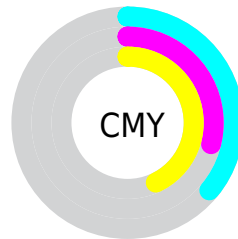


Cyan (9%)

Magenta (0%)

Yellow (20%)

Black (29%)



Cyan (36%)


Magenta (29%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RGB color 164, 181, 145 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 164, 181, 145 by changing the saturation by 10% instead.

 164, 181, 145

255, 255, 255

 219, 237, 199

 248, 255, 227


 164, 181, 145

 138, 154, 119


 112, 128, 94

 87, 103, 71


 64, 79, 48


 41, 56, 27

 22, 34, 1

 0, 11, 0

 0, 0, 0


 164, 181, 145


 164, 181, 145


 155, 181, 127


 173, 181, 163

 147, 181, 109


 181, 181, 181

 138, 181, 91


 190, 181, 199

 130, 181, 73


 198, 181, 217

 121, 181, 54

 207, 181, 235


 113, 181, 36


 215, 181, 254


 104, 181, 18

 224, 181, 255

 96, 181, 0

 232, 181, 255

 96, 181, 0

 241, 181, 255

Harmonies

Analogous

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



185, 175, 138



164, 181, 145



143, 185, 160

Triad

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



164, 181, 145



136, 181, 209



213, 162, 171

Complementary

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



164, 181, 145



162, 145, 181

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.



204, 164, 190



164, 181, 145



159, 175, 212

Square

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



164, 181, 145



124, 185, 197



184, 169, 205



213, 164, 153

Rectangle

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



164, 181, 145



132, 186, 173



184, 169, 205



211, 162, 178

Sweetspot

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



164, 181, 145



228, 235, 221



181, 162, 145



113, 117, 109



245, 245, 245



117, 117, 117

Same Dimension

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



164, 181, 145



208, 235, 178



146, 181, 145



85, 89, 80



81, 153, 0



13, 26, 0

Inverse Universe

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



162, 145, 181



205, 178, 235



180, 145, 181



85, 80, 89



72, 0, 153



12, 0, 26

Previews

White Background



This preview shows how the RGB color 164, 181, 145 looks on a white background.

Color Contrast Check

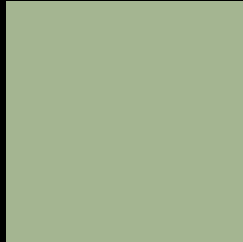
Large Text (above 18pt) WCAG AA × Fail

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 164, 181, 145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

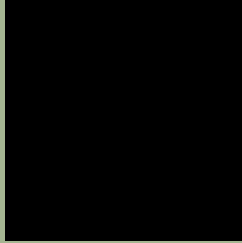
Any Text WCAG AA ✓ Pass

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 164, 181, 145 Background



This preview shows how black text looks on a background with the RGB color 164, 181, 145.

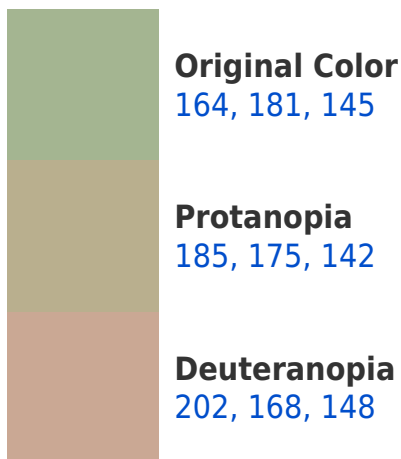


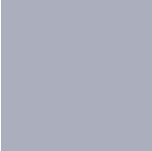
This preview shows how white text looks on a background with the RGB color 164, 181, 145.

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

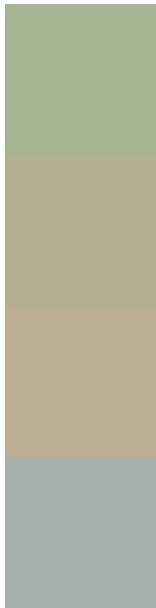




Tritanopia

171, 175, 189

Trichromacy



Original Color
164, 181, 145

Protanomaly
177, 177, 143

Deuteranomaly
188, 173, 147

Tritanomaly
168, 177, 173

Monochromacy



Original Color
164, 181, 145

Achromatopsia
172, 172, 172

Achromatomaly
169, 175, 162

CSS Examples

Text

The CSS property to change the color of the text to RGB 164, 181, 145 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(164, 181, 145)` looks like.

```
.text, #text, p{  
    color:rgb(164, 181, 145)  
}
```

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(164, 181, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 181, 145) }
```

Border

The CSS property to change the border of an element to RGB 164, 181, 145 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(164, 181, 145) }
```

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

```
.border{ border-color:rgb(164, 181, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 181, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 181, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 181, 145);  
box-shadow:4px 4px 4px 4px rgb(164, 181,  
145) }
```

Background

The CSS property to change the background color of an element to RGB 164, 181, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 181, 145) }
```

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

```
.background{ background-color: rgb(164,  
181, 145) }
```

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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