

Converting Colors

RGB(181, 164, 123)

Have a look what the booklet for
RGB(181, 164, 123) contains.

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Color

RGB(181, 164, 123)

Conversions

Conversions Part 1

Format	Color
Hex	B5A47B
RGB	181, 164, 123
RGB Percent	71%, 64%, 48%
CMY	0.2902, 0.3569, 0.5176
CMYK	0.00, 0.09, 0.32, 0.29
HSL	42°, 28%, 60%
HSV	42°, 32%, 71%
XYZ	35.9067, 37.8047, 24.1435
YIQ	164.4090, 23.2930, -9.1470

Conversions

Conversions Part 2

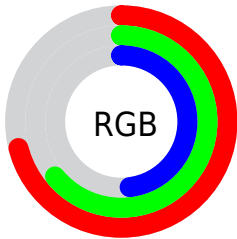
Format	Color
R_{YB}	147, 181, 123
Decimal	11904123
CIE Lab	67.88, -0.09, 23.56
CIE LCh	68, 23.561, 90.209
Yxy	37.8047, 0.3669, 0.3863
Android (android.graphics.Color)	4290094203 (0xFFB5A47B)
YUV	164.4090, -20.4146, 14.5503
Hunter-Lab	61.4856, -3.3583, 19.7586

Details

The RGB color **181, 164, 123** is a light color, and the websafe version is hex **999966**. A complement of this color would be **123, 140, 181**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **238, 219, 176**, and **127, 112, 74** is the 20% darker color. If you saturate the color by 10%, you get **181, 159, 105**, and if you desaturate by 10%, it is **181, 169, 141**.

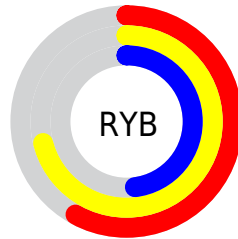
Distribution



Red (71%)

Green (64%)

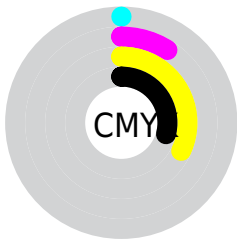
Blue (48%)



Red (58%)

Yellow (71%)

Blue (48%)

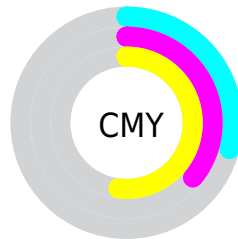


Cyan (0%)

Magenta (9%)

Yellow (32%)

Black (29%)



Cyan (29%)


Magenta (36%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RGB color 181, 164, 123 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 181, 164, 123 by changing the saturation by 10% instead.


 181, 164, 123

255, 255, 255

 238, 219, 176

 255, 247, 203

 255, 255, 232

 181, 164, 123


 154, 138, 98

 127, 112, 74

 102, 88, 51

 77, 65, 29


 53, 43, 5


 31, 23, 0


 0, 0, 0


 181, 164, 123


 181, 159, 105


 181, 164, 123


 181, 169, 141


 181, 153, 87


 181, 175, 159

 181, 148, 69


 181, 180, 177


 181, 143, 51


 181, 185, 195

 181, 137, 33

 181, 191, 214

 181, 132, 14

 181, 196, 232

 181, 128, 0

 181, 201, 250

 181, 206, 255

 181, 212, 255

Harmonies

Analogous

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



199, 157, 129



181, 164, 123



158, 171, 128

Triad

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



181, 164, 123



104, 177, 186



193, 153, 187

Complementary

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



181, 164, 123



123, 140, 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.



169, 160, 202



181, 164, 123



114, 173, 202

Square

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



181, 164, 123



113, 177, 165



140, 167, 207



207, 150, 166

Rectangle

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



181, 164, 123



142, 174, 138



140, 167, 207



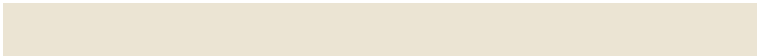
186, 155, 193

Sweetspot

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



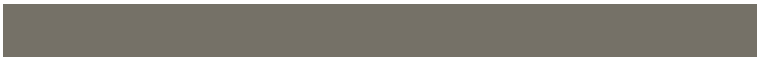
181, 164, 123



235, 228, 211



181, 123, 140



117, 113, 103



245, 245, 245



117, 117, 117

Same Dimension

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



181, 164, 123



235, 208, 145



169, 181, 123



89, 87, 80



153, 108, 0



26, 18, 0

Inverse Universe

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



123, 140, 181



145, 172, 235



135, 123, 181



80, 83, 89



0, 45, 153



0, 7, 26

Previews

White Background



This preview shows how the RGB color 181, 164, 123 looks on a white background.

Color Contrast Check

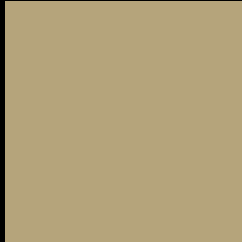
Large Text (above 18pt) WCAG AA × Fail

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 181, 164, 123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

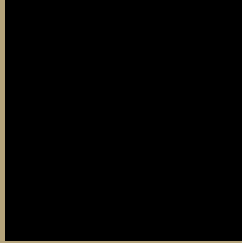
Any Text WCAG AA ✓ Pass

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 181, 164, 123 Background



This preview shows how black text looks on a background with the RGB color 181, 164, 123.



This preview shows how white text looks on a background with the RGB color 181, 164, 123.

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


181, 164, 123

Protanopia

177, 165, 124

Deuteranopia

195, 159, 124



Tritanopia
186, 158, 170

Trichromacy



Original Color

181, 164, 123

Protanomaly

178, 165, 124

Deuteranomaly

190, 161, 124

Tritanomaly

184, 160, 153

Monochromacy



Original Color

181, 164, 123

Achromatopsia

164, 164, 164

Achromatomaly

170, 164, 149

CSS Examples

Text

The CSS property to change the color of the text to RGB 181, 164, 123 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(181, 164, 123)` looks like.

```
.text, #text, p{  
    color:rgb(181, 164, 123)  
}
```

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(181, 164, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 164, 123) }
```

Border

The CSS property to change the border of an element to RGB 181, 164, 123 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(181, 164, 123) }
```

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

```
.border{ border-color:rgb(181, 164, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 164, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 164, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 164, 123);  
box-shadow:4px 4px 4px 4px rgb(181, 164,  
123) }
```

Background

The CSS property to change the background color of an element to RGB 181, 164, 123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 164, 123) }
```

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

```
.background{ background-color: rgb(181,  
164, 123) }
```

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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