

# Converting Colors

RGB(171, 124, 139)

Have a look what the booklet for  
RGB(171, 124, 139) contains.

<b>RGB(171, 124, 139)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**RGB(171, 124, 139)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AB7C8B
RGB	171, 124, 139
RGB Percent	67%, 49%, 55%
CMY	0.3294, 0.5137, 0.4549
CMYK	0.00, 0.27, 0.19, 0.33
HSL	341°, 22%, 58%
HSV	341°, 27%, 67%
XYZ	28.6624, 24.9373, 27.7288
YIQ	139.7630, 23.1970, 14.6290

# Conversions

## Conversions Part 2

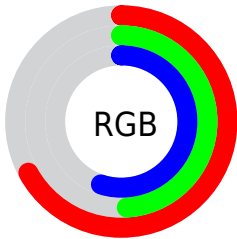
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	171, 124, 139
Decimal	11238539
CIE Lab	57.01, 20.58, -0.88
CIE LCh	57, 20.598, 357.539
Yxy	24.9373, 0.3524, 0.3066
Android (android.graphics.Color)	4289428619 (0xFFAB7C8B)
YUV	139.7630, -0.3762, 27.3948
Hunter-Lab	49.9373, 15.0632, 2.0340

# Details

The RGB color **171, 124, 139** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **124, 171, 156**, and the grayscale version is **140, 140, 140**.

A 20% lighter version of the original color is **227, 177, 192**, and **118, 75, 89** is the 20% darker color. If you saturate the color by 10%, you get **171, 107, 127**, and if you desaturate by 10%, it is **171, 141, 151**.

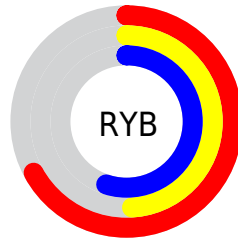
# Distribution



Red (67%)

Green (49%)

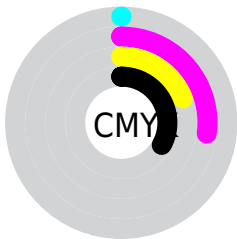
Blue (55%)



Red (67%)

Yellow (49%)

Blue (55%)

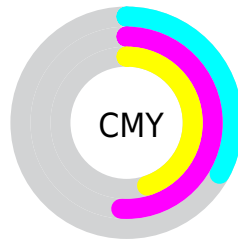


Cyan (0%)

Magenta (27%)

Yellow (19%)

Black (33%)



Cyan (33%)

Magenta (51%)


Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 171, 124, 139 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 171, 124, 139 by changing the saturation by 10% instead.




 171, 124, 139

255, 255, 255


 227, 177, 192


 255, 204, 220


 255, 233, 249

 171, 124, 139

 144, 99, 114

 118, 75, 89

 93, 51, 66

 68, 29, 44


 45, 8, 23

 18, 0, 0


 0, 0, 0


 171, 124, 139


 171, 107, 127


 171, 124, 139

 171, 141, 151


 171, 90, 116


 171, 158, 162

 171, 73, 104

 171, 175, 174


 171, 56, 92


 171, 192, 186


 171, 39, 81


 171, 210, 197


 171, 21, 69

 171, 227, 209

 171, 4, 58

 171, 244, 220

 171, 0, 55

 171, 255, 232

 171, 255, 244

# Harmonies

## Analogous

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



159, 127, 156



171, 124, 139



173, 125, 121

# Triad

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



171, 124, 139



132, 141, 105



92, 144, 167

# Complementary

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



171, 124, 139



124, 171, 156

# 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.



85, 147, 153



171, 124, 139



112, 145, 117

# Square

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



171, 124, 139



152, 135, 101



94, 147, 135



113, 139, 172

# Rectangle

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



171, 124, 139



169, 127, 111



94, 147, 135



88, 145, 163



# Sweetspot

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



171, 124, 139



222, 204, 210



155, 124, 171



112, 101, 105



240, 240, 240



112, 112, 112



# Same Dimension

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



171, 124, 139



222, 149, 172



171, 132, 124



87, 78, 81



150, 0, 48



23, 0, 7



# Inverse Universe

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



171, 124, 139



222, 149, 172



124, 163, 171



87, 78, 81



150, 0, 48

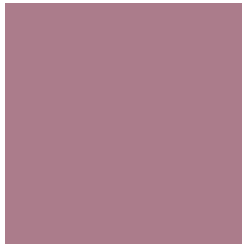


23, 0, 7



# Previews

## White Background



This preview shows how the RGB color 171, 124, 139 looks on a white background.

## Color Contrast Check

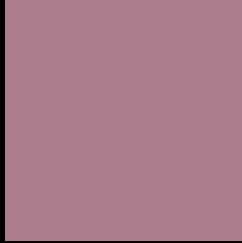
Large Text (above 18pt) WCAG AA ✓ Pass

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 171, 124, 139 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 × Fail

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



## RGB 171, 124, 139 Background



This preview shows how black text looks on a background with the RGB color 171, 124, 139.

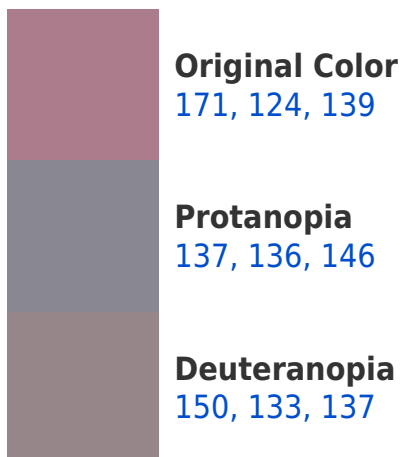


This preview shows how white text looks on a background with the RGB color 171, 124, 139.

# 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**  
170, 125, 134

# Trichromacy



**Original Color**

171, 124, 139

**Protanomaly**

149, 132, 143

**Deuteranomaly**

158, 130, 138

**Tritanomaly**

170, 125, 136

# Monochromacy



**Original Color**

171, 124, 139

**Achromatopsia**

140, 140, 140

**Achromatomaly**

151, 134, 140

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 171, 124, 139 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(171, 124, 139)` looks like.

```
.text, #text, p{  
    color:rgb(171, 124, 139)  
}
```

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(171, 124, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 124, 139) }
```

## Border

The CSS property to change the border of an element to RGB 171, 124, 139 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(171, 124, 139) }
```

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

```
.border{ border-color:rgb(171, 124, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 124, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 124, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 124, 139);  
box-shadow:4px 4px 4px 4px rgb(171, 124,  
139) }
```

# Background

The CSS property to change the background color of an element to RGB 171, 124, 139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 124, 139) }
```

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

```
.background{ background-color: rgb(171,  
124, 139) }
```

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