

Converting Colors

RGB(171, 103, 146)

Have a look what the booklet for
RGB(171, 103, 146) contains.

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Color

RGB(171, 103, 146)

Conversions

Conversions Part 1

Format	Color
Hex	AB6792
RGB	171, 103, 146
RGB Percent	67%, 40%, 57%
CMY	0.3294, 0.5961, 0.4275
CMYK	0.00, 0.40, 0.15, 0.33
HSL	322°, 29%, 54%
HSV	322°, 40%, 67%
XYZ	26.8331, 20.4337, 29.7240
YIQ	128.2340, 26.7250, 27.7890

Conversions

Conversions Part 2

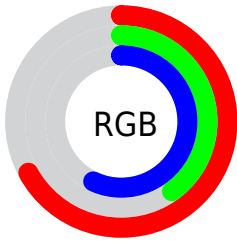
Format	Color
R_{YB}	171, 103, 146
Decimal	11233170
CIE _{Lab}	52.32, 33.50, -11.94
CIE _{LCh}	52, 35.569, 340.384
Yxy	20.4337, 0.3485, 0.2654
Android (android.graphics.Color)	4289423250 (0xFFAB6792)
YUV	128.2340, 8.7586, 37.5058
Hunter-Lab	45.2037, 26.8520, -7.3439

Details

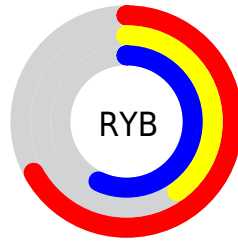
The RGB color **171, 103, 146** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **103, 171, 128**, and the grayscale version is **128, 128, 128**.

A 20% lighter version of the original color is **228, 155, 200**, and **117, 54, 95** is the 20% darker color. If you saturate the color by 10%, you get **171, 86, 140**, and if you desaturate by 10%, it is **171, 120, 152**.

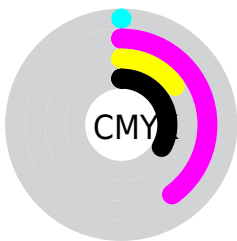
Distribution



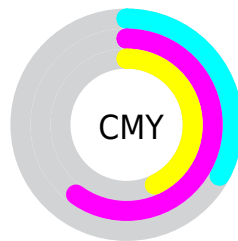
- Red (67%)
- Green (40%)
- Blue (57%)



- Red (67%)
- Yellow (40%)
- Blue (57%)



- Cyan (0%)
- Magenta (40%)
- Yellow (15%)
- Black (33%)




- Cyan (33%)
- Magenta (60%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RGB color 171, 103, 146 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, 103, 146 by changing the saturation by 10% instead.

 171, 103, 146


255, 255, 255

 228, 155, 200

 255, 183, 228


 255, 211, 255

 255, 239, 255

 171, 103, 146

 144, 78, 120

 117, 54, 95

 91, 29, 72


 66, 3, 49


 44, 0, 29


 1, 0, 0


 0, 0, 0


 171, 103, 146


 171, 86, 140


 171, 103, 146


 171, 120, 152


 171, 69, 133


 171, 137, 159


 171, 52, 127


 171, 154, 165

 171, 35, 121


 171, 171, 171


 171, 17, 115


 171, 188, 177


 171, 0, 108

 171, 206, 184

 171, 0, 108

 171, 223, 190

 171, 240, 196

 171, 255, 203

Harmonies

Analogous

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



142, 113, 171



171, 103, 146



183, 100, 115

Triad

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



171, 103, 146



134, 126, 63



0, 139, 163

Complementary

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



171, 103, 146



103, 171, 128

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.



0, 141, 135



171, 103, 146



100, 134, 77

Square

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



171, 103, 146



161, 116, 67



59, 139, 103



19, 134, 182

Rectangle

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



171, 103, 146



182, 103, 96



59, 139, 103



0, 140, 155

Sweetspot

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



171, 103, 146



222, 195, 212



128, 103, 171



112, 96, 106



240, 240, 240



112, 112, 112

Same Dimension

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



171, 103, 146



222, 115, 183



171, 103, 112



87, 78, 84



150, 0, 95



23, 0, 15

Inverse Universe

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



171, 103, 146



222, 115, 183



103, 171, 162



87, 78, 84



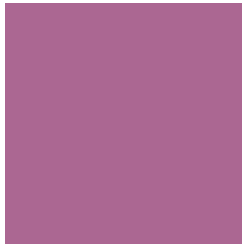
150, 0, 95



23, 0, 15

Previews

White Background



This preview shows how the RGB color 171, 103, 146 looks on a white background.

Color Contrast Check

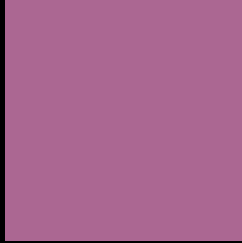
Large Text (above 18pt) WCAG AA ✓ Pass

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, 103, 146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

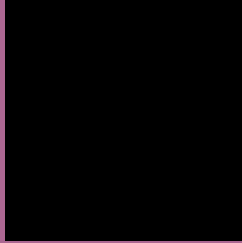
Any Text WCAG AA ✓ Pass

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, 103, 146 Background



This preview shows how black text looks on a background with the RGB color 171, 103, 146.

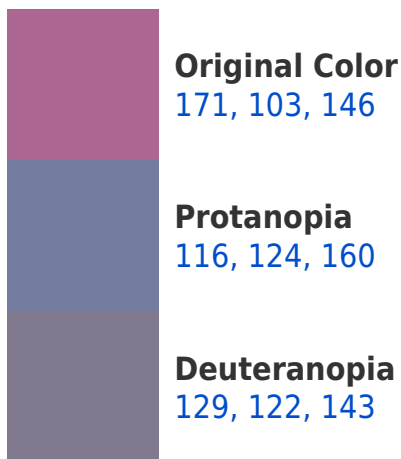



This preview shows how white text looks on a background with the RGB color 171, 103, 146.

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
168, 109, 117

Trichromacy



Original Color
171, 103, 146

Protanomaly
136, 116, 155

Deuteranomaly
144, 115, 144

Tritanomaly
169, 107, 128

Monochromacy



Original Color
171, 103, 146

Achromatopsia
128, 128, 128

Achromatomaly
144, 119, 135

CSS Examples

Text

The CSS property to change the color of the text to RGB 171, 103, 146 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, 103, 146)` looks like.

```
.text, #text, p{  
    color:rgb(171, 103, 146)  
}
```

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, 103, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 103, 146) }
```

Border

The CSS property to change the border of an element to RGB 171, 103, 146 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, 103, 146) }
```

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

```
.border{ border-color:rgb(171, 103, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 103, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 103, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 103, 146); box-shadow:4px 4px 4px 4px rgb(171, 103, 146) }
```

Background

The CSS property to change the background color of an element to RGB 171, 103, 146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 103, 146) }
```

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

```
.background{ background-color: rgb(171,  
103, 146) }
```

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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