

Converting Colors

RGB(171, 99, 189)

Have a look what the booklet for
RGB(171, 99, 189) contains.

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Color

RGB(171, 99, 189)

Conversions

Conversions Part 1

Format	Color
Hex	AB63BD
RGB	171, 99, 189
RGB Percent	67%, 39%, 74%
CMY	0.3294, 0.6118, 0.2588
CMYK	0.10, 0.48, 0.00, 0.26
HSL	288°, 41%, 56%
HSV	288°, 48%, 74%
XYZ	30.4417, 21.2557, 50.6424
YIQ	130.7880, 14.0220, 43.2540

Conversions

Conversions Part 2

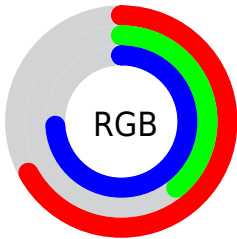
Format	Color
RYB	171, 99, 189
Decimal	11232189
CIELab	53.23, 43.70, -35.60
CIElCh	53, 56.363, 320.831
Yxy	21.2557, 0.2975, 0.2077
Android (android.graphics.Color)	4289422269 (0xFFAB63BD)
YUV	130.7880, 28.6985, 35.2659
Hunter-Lab	46.1039, 37.1790, -32.8538

Details

The RGB color **171, 99, 189** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **117, 189, 99**, and the grayscale version is **131, 131, 131**.

A 20% lighter version of the original color is **228, 152, 246**, and **117, 48, 135** is the 20% darker color. If you saturate the color by 10%, you get **167, 80, 189**, and if you desaturate by 10%, it is **175, 118, 189**.

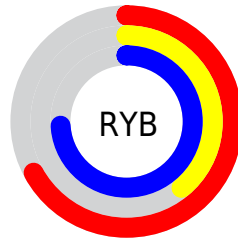
Distribution



Red (67%)

Green (39%)

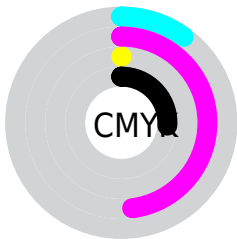
Blue (74%)



Red (67%)

Yellow (39%)

Blue (74%)

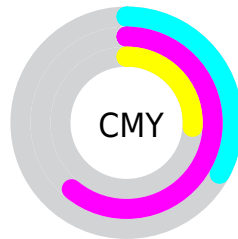


Cyan (10%)

Magenta (48%)

Yellow (0%)

Black (26%)



Cyan (33%)


Magenta (61%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RGB color 171, 99, 189 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, 99, 189 by changing the saturation by 10% instead.

 171, 99, 189


255, 255, 255

 228, 152, 246

 255, 179, 255

 255, 207, 255

 255, 236, 255


 171, 99, 189

 143, 73, 162

 117, 48, 135

 90, 22, 110


 65, 0, 85


 41, 0, 61

 7, 0, 39

 0, 1, 15


 0, 0, 0

 171, 99, 189


 171, 99, 189

 167, 80, 189

 175, 118, 189

 163, 61, 189

 179, 137, 189


 160, 42, 189

 182, 156, 189

 156, 23, 189

 186, 175, 189

 152, 5, 189

 190, 194, 189

 151, 0, 189

 194, 212, 189

 197, 231, 189

 201, 250, 189

 205, 255, 189

Harmonies

Analogous

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



98, 121, 218



171, 99, 189



207, 82, 144

Triad

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



171, 99, 189



164, 120, 18



0, 150, 160

Complementary

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



171, 99, 189



117, 189, 99

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, 149, 110



171, 99, 189



119, 135, 23

Square

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



171, 99, 189



198, 100, 52



57, 144, 62



0, 146, 202

Rectangle

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



171, 99, 189



215, 80, 112



57, 144, 62



0, 150, 144

Sweetspot

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



171, 99, 189



238, 211, 245



99, 117, 189



118, 102, 122



250, 250, 250



122, 122, 122

Same Dimension

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



171, 99, 189



217, 105, 245



189, 99, 162



92, 85, 94



126, 0, 158



24, 0, 31

Inverse Universe

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



189, 99, 117



245, 105, 133



99, 189, 126



94, 85, 87



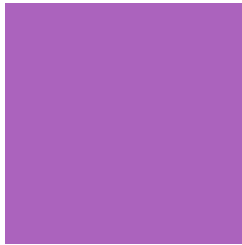
158, 0, 32



31, 0, 6

Previews

White Background



This preview shows how the RGB color 171, 99, 189 looks on a white background.

Color Contrast Check

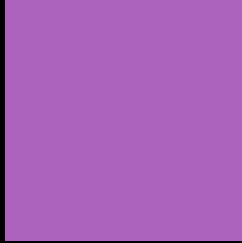
Large Text (above 18pt) WCAG AA ✓ Pass

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, 99, 189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

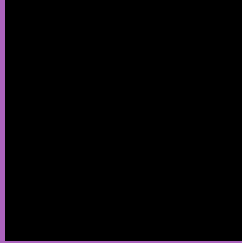
Any Text WCAG AA ✓ Pass

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, 99, 189 Background



This preview shows how black text looks on a background with the RGB color 171, 99, 189.

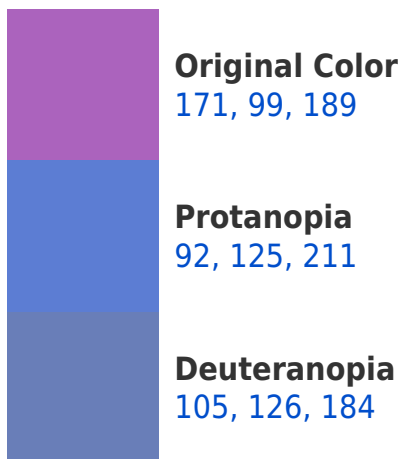


This preview shows how white text looks on a background with the RGB color 171, 99, 189.

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
162, 114, 123

Trichromacy



Original Color

171, 99, 189



Protanomaly

121, 116, 203



Deuteranomaly

129, 116, 186



Tritanomaly

165, 109, 147

Monochromacy



Original Color

171, 99, 189



Achromatopsia

131, 131, 131



Achromatomaly

146, 119, 152

CSS Examples

Text

The CSS property to change the color of the text to RGB 171, 99, 189 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, 99, 189)` looks like.

```
.text, #text, p{  
    color:rgb(171, 99, 189)  
}
```

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, 99, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 99, 189) }
```

Border

The CSS property to change the border of an element to RGB 171, 99, 189 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, 99, 189) }
```

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

```
.border{ border-color:rgb(171, 99, 189) }
```

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

Here you see how a box with a 4 pixel rgb(171, 99, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 99, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 99, 189);  
box-shadow:4px 4px 4px 4px rgb(171, 99,  
189) }
```

Background

The CSS property to change the background color of an element to RGB 171, 99, 189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 99, 189) }
```

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

```
.background{ background-color: rgb(171, 99,  
189) }
```

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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