

Converting Colors

RGB(171, 125, 223)

Have a look what the booklet for
RGB(171, 125, 223) contains.

RGB(171, 125, 223)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(171, 125, 223)

Conversions

Conversions Part 1

Format	Color
Hex	AB7DDF
RGB	171, 125, 223
RGB Percent	67%, 49%, 87%
CMY	0.3294, 0.5098, 0.1255
CMYK	0.23, 0.44, 0.00, 0.13
HSL	268°, 60%, 68%
HSV	268°, 44%, 87%
XYZ	37.4475, 28.6529, 73.3689
YIQ	149.9260, -4.0420, 40.2300

Conversions

Conversions Part 2

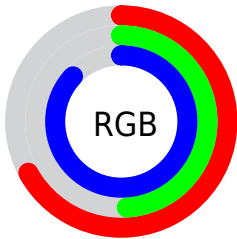
Format	Color
R_{YB}	171, 125, 223
Decimal	11238879
CIE _{Lab}	60.47, 36.92, -43.49
CIE _{LCh}	60, 57.046, 310.329
Yxy	28.6529, 0.2685, 0.2054
Android (android.graphics.Color)	4289428959 (0xFFAB7DDF)
YUV	149.9260, 36.0255, 18.4819
Hunter-Lab	53.5284, 31.2007, -43.7962

Details

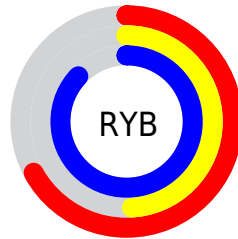
The RGB color **171, 125, 223** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **177, 223, 125**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **228, 178, 255**, and **116, 75, 167** is the 20% darker color. If you saturate the color by 10%, you get **159, 103, 223**, and if you desaturate by 10%, it is **183, 147, 223**.

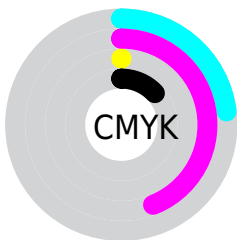
Distribution



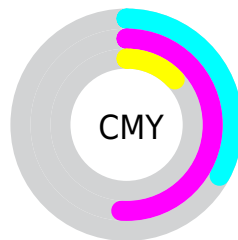
- Red (67%)
- Green (49%)
- Blue (87%)



- Red (67%)
- Yellow (49%)
- Blue (87%)



- Cyan (23%)
- Magenta (44%)
- Yellow (0%)
- Black (13%)




- Cyan (33%)
- Magenta (51%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 171, 125, 223 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, 125, 223 by changing the saturation by 10% instead.


 171, 125, 223

255, 255, 255

 228, 178, 255

 255, 206, 255

 255, 235, 255

 171, 125, 223


 143, 99, 195

 116, 75, 167

 90, 51, 140

 64, 27, 115


 37, 3, 89


 15, 0, 66

 0, 3, 42


 0, 1, 21

 0, 0, 0

 171, 125, 223

 171, 125, 223

 159, 103, 223

 183, 147, 223

 147, 80, 223

 195, 170, 223

 136, 58, 223

 206, 192, 223

 124, 36, 223

 218, 214, 223

 112, 13, 223

 230, 236, 223

 105, 0, 223

 242, 255, 223

 254, 255, 223

 255, 255, 223

Harmonies

Analogous

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



78, 146, 245



171, 125, 223



220, 105, 181

Triad

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



171, 125, 223



199, 131, 47



0, 170, 162

Complementary

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



171, 125, 223



177, 223, 125

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, 168, 110



171, 125, 223



156, 149, 36

Square

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



171, 125, 223



229, 111, 83



101, 161, 64



0, 168, 210

Rectangle

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



171, 125, 223



235, 99, 147



101, 161, 64



0, 170, 145

Sweetspot

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



171, 125, 223



237, 222, 255



125, 177, 223



117, 107, 128



0, 0, 0



128, 128, 128

Same Dimension

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



171, 125, 223



183, 120, 255



220, 125, 223



106, 101, 112



83, 0, 176



23, 0, 48

Inverse Universe

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



223, 125, 177



255, 120, 192



128, 223, 125



112, 101, 107



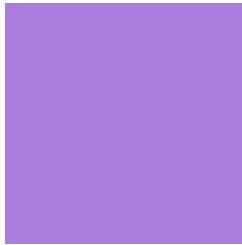
176, 0, 93



48, 0, 26

Previews

White Background



This preview shows how the RGB color 171, 125, 223 looks on a white background.

Color Contrast Check

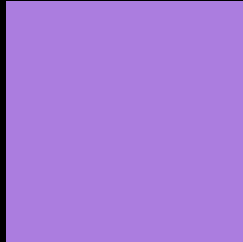
Large Text (above 18pt) WCAG AA ✓ Pass

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, 125, 223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

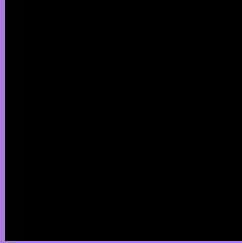
Any Text WCAG AA ✓ Pass

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, 125, 223 Background



This preview shows how black text looks on a background with the RGB color 171, 125, 223.

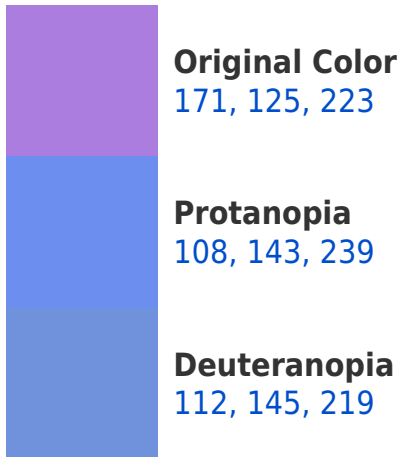



This preview shows how white text looks on a background with the RGB color 171, 125, 223.

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
159, 141, 152

Trichromacy



Original Color
171, 125, 223

Protanomaly
131, 136, 233

Deuteranomaly
133, 138, 220

Tritanomaly
163, 135, 178

Monochromacy



Original Color
171, 125, 223

Achromatopsia
150, 150, 150

Achromatomaly
158, 141, 177

CSS Examples

Text

The CSS property to change the color of the text to RGB 171, 125, 223 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, 125, 223)` looks like.

```
.text, #text, p{  
    color:rgb(171, 125, 223)  
}
```

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, 125, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 125, 223) }
```

Border

The CSS property to change the border of an element to RGB 171, 125, 223 is called "border". The border property can be set on classes, ids or directly on the HTML element.

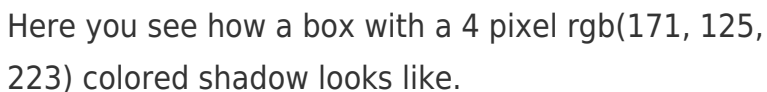
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(171, 125, 223) }
```

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

```
.border{ border-color:rgb(171, 125, 223) }
```

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



Here you see how a box with a 4 pixel `rgb(171, 125, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 125, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 125, 223); box-shadow:4px 4px 4px 4px rgb(171, 125, 223) }
```

Background

The CSS property to change the background color of an element to RGB 171, 125, 223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 125, 223) }
```

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

```
.background{ background-color: rgb(171,  
125, 223) }
```

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