

Converting Colors

RGB(171, 121, 217)

Have a look what the booklet for
RGB(171, 121, 217) contains.

RGB(171, 121, 217)	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, 121, 217)

Conversions

Conversions Part 1

Format	Color
Hex	AB79D9
RGB	171, 121, 217
RGB Percent	67%, 47%, 85%
CMY	0.3294, 0.5255, 0.1490
CMYK	0.21, 0.44, 0.00, 0.15
HSL	271°, 56%, 66%
HSV	271°, 44%, 85%
XYZ	36.1563, 27.3424, 69.0176
YIQ	146.8940, -1.0160, 40.4560

Conversions

Conversions Part 2

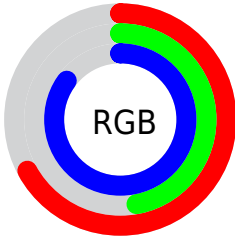
Format	Color
RYB	171, 121, 217
Decimal	11237849
CIELab	59.29, 37.76, -41.99
CIELCh	59, 56.473, 311.963
Yxy	27.3424, 0.2728, 0.2063
Android (android.graphics.Color)	4289427929 (0xFFAB79D9)
YUV	146.8940, 34.5623, 21.1410
Hunter-Lab	52.2900, 31.9178, -41.6539

Details

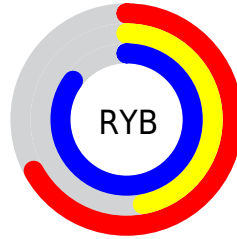
The RGB color **171, 121, 217** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **167, 217, 121**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **228, 174, 255**, and **117, 71, 162** is the 20% darker color. If you saturate the color by 10%, you get **161, 99, 217**, and if you desaturate by 10%, it is **181, 143, 217**.

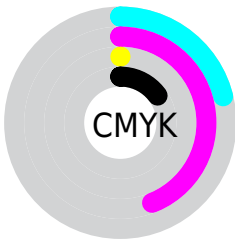
Distribution



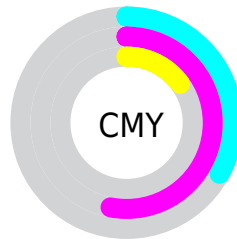
- Red (67%)
- Green (47%)
- Blue (85%)



- Red (67%)
- Yellow (47%)
- Blue (85%)



- Cyan (21%)
- Magenta (44%)
- Yellow (0%)
- Black (15%)




- Cyan (33%)
- Magenta (53%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 171, 121, 217 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, 121, 217 by changing the saturation by 10% instead.


 171, 121, 217

255, 255, 255

 228, 174, 255

 255, 202, 255

 255, 230, 255

 171, 121, 217

 143, 96, 189

 117, 71, 162

 90, 47, 135

 64, 23, 109


 38, 0, 84


 17, 0, 61


 0, 2, 38


 0, 1, 15


 0, 0, 0


 171, 121, 217


 171, 121, 217


 161, 99, 217

 181, 143, 217

 150, 78, 217

 192, 164, 217

 140, 56, 217

 202, 186, 217

 129, 34, 217

 213, 208, 217

 119, 13, 217

 223, 229, 217

 113, 0, 217

 233, 251, 217

 244, 255, 217

 254, 255, 217

 255, 255, 217

Harmonies

Analogous

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



83, 142, 240



171, 121, 217



217, 102, 175

Triad

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



171, 121, 217



193, 129, 43



0, 167, 162

Complementary

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



171, 121, 217



167, 217, 121

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, 165, 110



171, 121, 217



150, 147, 35

Square

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



171, 121, 217



223, 110, 79



95, 158, 64



0, 164, 208

Rectangle

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



171, 121, 217



231, 96, 142



95, 158, 64



0, 166, 145

Sweetspot

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



171, 121, 217



239, 222, 255



121, 167, 217



118, 107, 128



0, 0, 0



128, 128, 128

Same Dimension

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



171, 121, 217



190, 120, 255



217, 121, 215



104, 99, 110



90, 0, 173



24, 0, 46

Inverse Universe

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



217, 121, 167



255, 120, 185



121, 217, 123



110, 99, 104



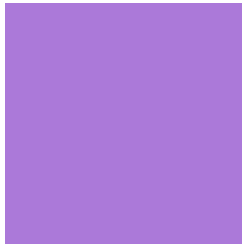
173, 0, 83



46, 0, 22

Previews

White Background



This preview shows how the RGB color 171, 121, 217 looks on a white background.

Color Contrast Check

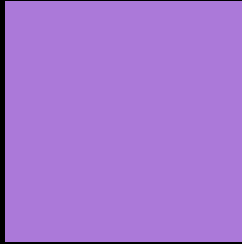
Large Text (above 18pt) WCAG AA ✓ Pass

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, 121, 217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

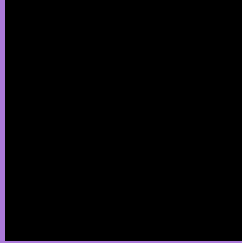
Any Text WCAG AA ✓ Pass

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, 121, 217 Background



This preview shows how black text looks on a background with the RGB color 171, 121, 217.

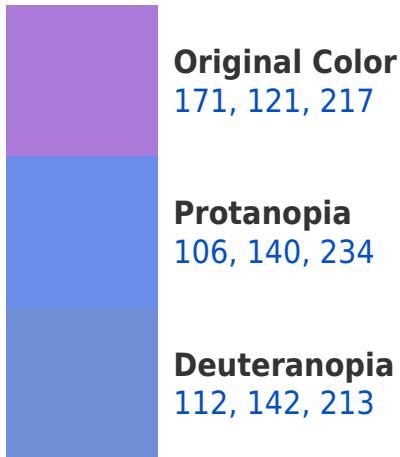


This preview shows how white text looks on a background with the RGB color 171, 121, 217.

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, 137, 147

Trichromacy



Original Color

171, 121, 217



Protanomaly

130, 133, 228



Deuteranomaly

133, 134, 214



Tritanomaly

163, 131, 172

Monochromacy



Original Color

171, 121, 217



Achromatopsia

147, 147, 147



Achromatomaly

156, 138, 172

CSS Examples

Text

The CSS property to change the color of the text to RGB 171, 121, 217 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, 121, 217)` looks like.

```
.text, #text, p{  
    color:rgb(171, 121, 217)  
}
```

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, 121, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 121, 217) }
```

Border

The CSS property to change the border of an element to RGB 171, 121, 217 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, 121, 217) }
```

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

```
.border{ border-color:rgb(171, 121, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 121, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 121, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 121, 217);  
box-shadow:4px 4px 4px 4px rgb(171, 121,  
217) }
```

Background

The CSS property to change the background color of an element to RGB 171, 121, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 121, 217) }
```

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

```
.background{ background-color: rgb(171,  
121, 217) }
```

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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