

Converting Colors

RGB(171, 114, 217)

Have a look what the booklet for
RGB(171, 114, 217) contains.

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Color

RGB(171, 114, 217)

Conversions

Conversions Part 1

Format	Color
Hex	AB72D9
RGB	171, 114, 217
RGB Percent	67%, 45%, 85%
CMY	0.3294, 0.5529, 0.1490
CMYK	0.21, 0.47, 0.00, 0.15
HSL	273°, 58%, 65%
HSV	273°, 47%, 85%
XYZ	35.3363, 25.7023, 68.7443
YIQ	142.7850, 0.9090, 44.1170

Conversions

Conversions Part 2

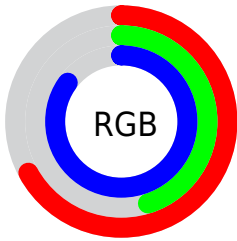
Format	Color
RYB	171, 114, 217
Decimal	11236057
CIELab	57.75, 41.62, -44.41
CIElCh	58, 60.870, 313.142
Yxy	25.7023, 0.2723, 0.1980
Android (android.graphics.Color)	4289426137 (0xFFAB72D9)
YUV	142.7850, 36.5880, 24.7446
Hunter-Lab	50.6974, 35.6946, -44.9073

Details

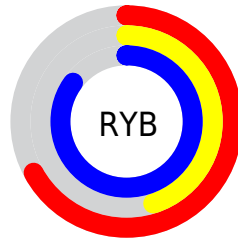
The RGB color **171, 114, 217** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **160, 217, 114**, and the grayscale version is **142, 142, 142**.

A 20% lighter version of the original color is **228, 167, 255**, and **116, 64, 162** is the 20% darker color. If you saturate the color by 10%, you get **161, 92, 217**, and if you desaturate by 10%, it is **181, 136, 217**.

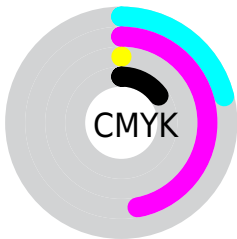
Distribution



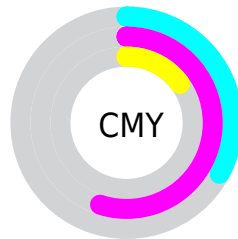
- Red (67%)
- Green (45%)
- Blue (85%)



- Red (67%)
- Yellow (45%)
- Blue (85%)



- Cyan (21%)
- Magenta (47%)
- Yellow (0%)
- Black (15%)




- Cyan (33%)
- Magenta (55%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 171, 114, 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, 114, 217 by changing the saturation by 10% instead.

 171, 114, 217


255, 255, 255

 228, 167, 255

 255, 195, 255


 255, 223, 255

 255, 252, 255

 171, 114, 217


 143, 89, 189

 116, 64, 162

 90, 39, 135

 63, 13, 109


 37, 0, 84


 12, 0, 61


 0, 2, 38


 0, 1, 14

 0, 0, 0


 171, 114, 217

 171, 114, 217


 161, 92, 217

 181, 136, 217

 152, 71, 217

 190, 157, 217

 142, 49, 217


 200, 179, 217

 132, 27, 217

 210, 201, 217

 123, 6, 217

 219, 223, 217

 120, 0, 217

 229, 244, 217

 239, 255, 217

 249, 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.



72, 137, 243



171, 114, 217



219, 92, 171

Triad

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



171, 114, 217



190, 125, 26



0, 164, 161

Complementary

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



171, 114, 217



160, 217, 114

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, 162, 106



171, 114, 217



143, 144, 14

Square

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



171, 114, 217



223, 103, 68



83, 155, 55



0, 161, 211

Rectangle

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



171, 114, 217



233, 86, 135



83, 155, 55



0, 164, 143

Sweetspot

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



171, 114, 217



239, 219, 255



114, 160, 217



118, 106, 128



0, 0, 0



128, 128, 128

Same Dimension

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



171, 114, 217



190, 110, 255



217, 114, 212



105, 99, 110



96, 0, 173



25, 0, 46

Inverse Universe

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



217, 114, 160



255, 110, 175



114, 217, 119



110, 99, 104



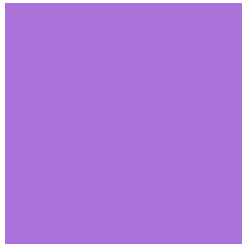
173, 0, 77



46, 0, 20

Previews

White Background



This preview shows how the RGB color 171, 114, 217 looks on a white background.

Color Contrast Check

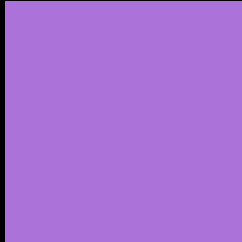
Large Text (above 18pt) WCAG AA ✓ Pass

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, 114, 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, 114, 217 Background



This preview shows how black text looks on a background with the RGB color 171, 114, 217.

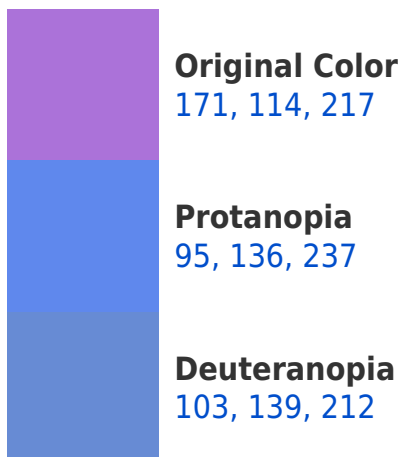



This preview shows how white text looks on a background with the RGB color 171, 114, 217.

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
158, 132, 142

Trichromacy



Original Color

171, 114, 217



Protanomaly

123, 128, 230



Deuteranomaly

128, 130, 214



Tritanomaly

163, 125, 169

Monochromacy



Original Color

171, 114, 217



Achromatopsia

143, 143, 143



Achromatomaly

153, 132, 170

CSS Examples

Text

The CSS property to change the color of the text to RGB 171, 114, 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, 114, 217)` looks like.

```
.text, #text, p{  
    color:rgb(171, 114, 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, 114, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 114, 217) }
```

Border

The CSS property to change the border of an element to RGB 171, 114, 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, 114, 217) }
```

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

```
.border{ border-color:rgb(171, 114, 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, 114, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 114, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 114, 217);  
box-shadow:4px 4px 4px 4px rgb(171, 114,  
217) }
```

Background

The CSS property to change the background color of an element to RGB 171, 114, 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, 114, 217) }
```

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

```
.background{ background-color: rgb(171,  
114, 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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