

Converting Colors

RGB(174, 101, 205)

Have a look what the booklet for
RGB(174, 101, 205) contains.

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Color

RGB(174, 101, 205)

Conversions

Conversions Part 1

Format	Color
Hex	AE65CD
RGB	174, 101, 205
RGB Percent	68%, 40%, 80%
CMY	0.3176, 0.6039, 0.1961
CMYK	0.15, 0.51, 0.00, 0.20
HSL	282°, 51%, 60%
HSV	282°, 51%, 80%
XYZ	33.1287, 22.7138, 60.3957
YIQ	134.6830, 10.1240, 47.8200

Conversions

Conversions Part 2

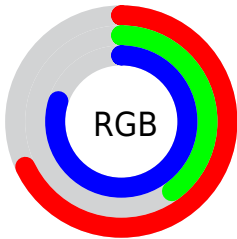
Format	Color
RYB	174, 101, 205
Decimal	11429325
CIELab	54.78, 46.81, -42.30
CIElCh	55, 63.089, 317.896
Yxy	22.7138, 0.2850, 0.1954
Android (android.graphics.Color)	4289619405 (0xFFAE65CD)
YUV	134.6830, 34.6663, 34.4810
Hunter-Lab	47.6590, 40.6755, -41.7738

Details

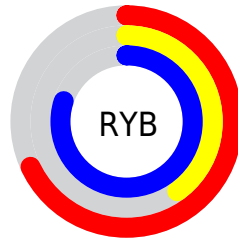
The RGB color **174, 101, 205** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **132, 205, 101**, and the grayscale version is **134, 134, 134**.

A 20% lighter version of the original color is **231, 154, 255**, and **119, 50, 150** is the 20% darker color. If you saturate the color by 10%, you get **168, 81, 205**, and if you desaturate by 10%, it is **180, 122, 205**.

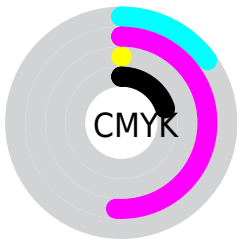
Distribution



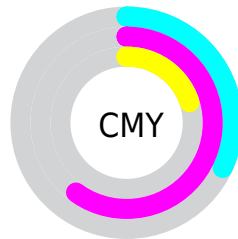
- Red (68%)
- Green (40%)
- Blue (80%)



- Red (68%)
- Yellow (40%)
- Blue (80%)



- Cyan (15%)
- Magenta (51%)
- Yellow (0%)
- Black (20%)



- Cyan (32%)
- Magenta (60%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the RGB color 174, 101, 205 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 174, 101, 205 by changing the saturation by 10% instead.

 174, 101, 205

 174, 101, 205

255, 255, 255

 146, 75, 177

 231, 154, 255

 119, 50, 150

 255, 182, 255


 92, 23, 124

 255, 210, 255

 66, 0, 98


 255, 239, 255


 41, 0, 74

 13, 0, 51

 0, 2, 29

 0, 0, 0

 174, 101, 205

 174, 101, 205

■ 168, 81, 205

■ 180, 122, 205

■ 162, 60, 205

■ 186, 142, 205

■ 156, 39, 205

■ 192, 163, 205

■ 150, 19, 205

■ 198, 183, 205

■ 144, 0, 205

■ 205, 204, 205

■ 211, 224, 205

■ 217, 245, 205

■ 223, 255, 205

■ 229, 255, 205

Harmonies

Analogous

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



81, 126, 236



174, 101, 205



218, 78, 156

Triad

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



174, 101, 205



175, 121, 0



0, 156, 163

Complementary

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



174, 101, 205



132, 205, 101

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, 155, 106



174, 101, 205



126, 138, 0

Square

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



174, 101, 205



211, 97, 51



57, 149, 52



0, 153, 211

Rectangle

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



174, 101, 205



228, 74, 119



57, 149, 52



0, 156, 144

Sweetspot

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



174, 101, 205



244, 217, 255



101, 132, 205



121, 105, 128



0, 0, 0



128, 128, 128

Same Dimension

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



174, 101, 205



209, 99, 255



205, 101, 184



99, 92, 102



116, 0, 166



27, 0, 38

Inverse Universe

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



205, 101, 132



255, 99, 146



101, 205, 122



102, 92, 95



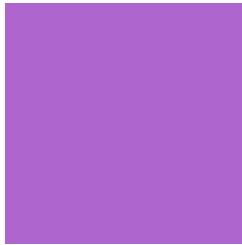
166, 0, 49



38, 0, 11

Previews

White Background



This preview shows how the RGB color 174, 101, 205 looks on a white background.

Color Contrast Check

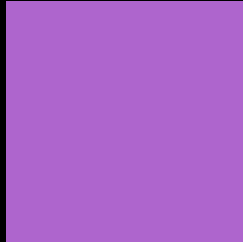
Large Text (above 18pt) WCAG AA ✓ Pass

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 174, 101, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

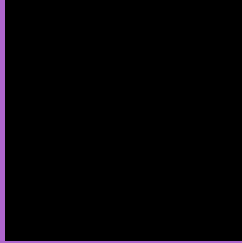
Any Text WCAG AA ✓ Pass

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 174, 101, 205 Background



This preview shows how black text looks on a background with the RGB color 174, 101, 205.

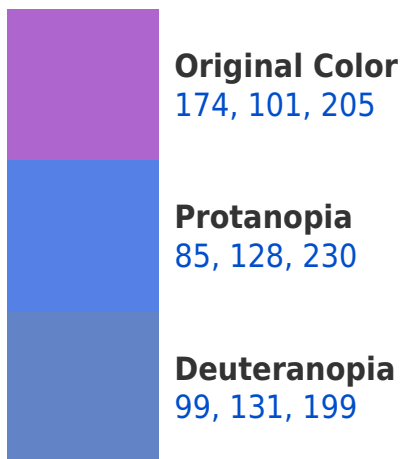


This preview shows how white text looks on a background with the RGB color 174, 101, 205.

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
163, 120, 129

Trichromacy



Original Color
174, 101, 205

Protanomaly
117, 118, 221

Deuteranomaly
126, 120, 201

Tritanomaly
167, 113, 157

Monochromacy



Original Color
174, 101, 205

Achromatopsia
135, 135, 135

Achromatomaly
149, 123, 160

CSS Examples

Text

The CSS property to change the color of the text to RGB 174, 101, 205 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(174, 101, 205)` looks like.

```
.text, #text, p{  
    color:rgb(174, 101, 205)  
}
```

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(174, 101, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 101, 205) }
```

Border

The CSS property to change the border of an element to RGB 174, 101, 205 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(174, 101, 205) }
```

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

```
.border{ border-color:rgb(174, 101, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 101, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 101, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 101, 205);  
box-shadow:4px 4px 4px 4px rgb(174, 101,  
205) }
```

Background

The CSS property to change the background color of an element to RGB 174, 101, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 101, 205) }
```

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

```
.background{ background-color: rgb(174,  
101, 205) }
```

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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