

Converting Colors

RGB(174, 147, 222)

Have a look what the booklet for
RGB(174, 147, 222) contains.

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Color

RGB(174, 147, 222)

Conversions

Conversions Part 1

Format	Color
Hex	AE93DE
RGB	174, 147, 222
RGB Percent	68%, 58%, 87%
CMY	0.3176, 0.4235, 0.1294
CMYK	0.22, 0.34, 0.00, 0.13
HSL	262°, 53%, 72%
HSV	262°, 34%, 87%
XYZ	41.0741, 35.1400, 73.7251
YIQ	163.6230, -7.9830, 29.0490

Conversions

Conversions Part 2

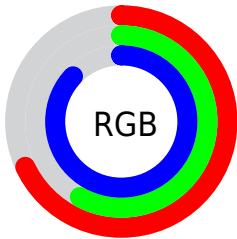
Format	Color
RYB	174, 147, 222
Decimal	11441118
CIELab	65.86, 25.18, -34.49
CIELCh	66, 42.706, 306.137
Yxy	35.1400, 0.2739, 0.2344
Android (android.graphics.Color)	4289631198 (0xFFAE93DE)
YUV	163.6230, 28.7799, 9.1006
Hunter-Lab	59.2790, 19.9433, -32.2434

Details

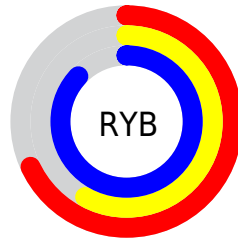
The RGB color **174, 147, 222** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **195, 222, 147**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **230, 201, 255**, and **120, 96, 167** is the 20% darker color. If you saturate the color by 10%, you get **160, 125, 222**, and if you desaturate by 10%, it is **188, 169, 222**.

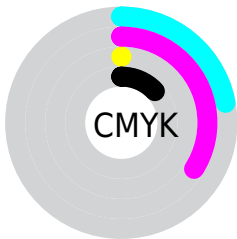
Distribution



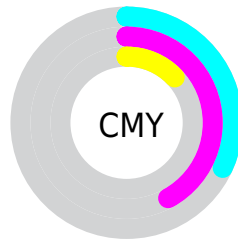
- Red (68%)
- Green (58%)
- Blue (87%)



- Red (68%)
- Yellow (58%)
- Blue (87%)



- Cyan (22%)
- Magenta (34%)
- Yellow (0%)
- Black (13%)




- Cyan (32%)
- Magenta (42%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 174, 147, 222 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, 147, 222 by changing the saturation by 10% instead.


 174, 147, 222

255, 255, 255

 230, 201, 255

 255, 229, 255

 174, 147, 222

 147, 121, 194

 120, 96, 167

 94, 72, 140

 69, 49, 114

 44, 27, 89

 19, 6, 65

 0, 0, 43

 0, 1, 21

 0, 0, 0

■ 174, 147, 222

■ 174, 147, 222

■ 160, 125, 222

■ 188, 169, 222

■ 146, 103, 222

■ 202, 191, 222

■ 131, 80, 222

■ 217, 214, 222

■ 117, 58, 222

■ 231, 236, 222

■ 103, 36, 222

■ 245, 255, 222

■ 89, 14, 222

■ 255, 255, 222

■ 80, 0, 222

Harmonies

Analogous

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



113, 161, 236



174, 147, 222



214, 134, 192

Triad

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



174, 147, 222



209, 147, 90



0, 180, 167

Complementary

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



174, 147, 222



195, 222, 147

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.



86, 177, 128



174, 147, 222



176, 160, 82

Square

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



174, 147, 222



229, 134, 117



136, 171, 96



0, 178, 204

Rectangle

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



174, 147, 222



229, 129, 167



136, 171, 96



34, 180, 154

Sweetspot

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



174, 147, 222



239, 230, 255



147, 196, 222



118, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

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



174, 147, 222



188, 150, 255



211, 147, 222



105, 101, 112



63, 0, 176



17, 0, 48

Inverse Universe

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



222, 147, 195



255, 150, 217



158, 222, 147



112, 101, 108



176, 0, 113



48, 0, 31

Previews

White Background



This preview shows how the RGB color 174, 147, 222 looks on a white background.

Color Contrast Check

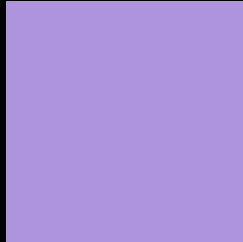
Large Text (above 18pt) WCAG AA × Fail

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, 147, 222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

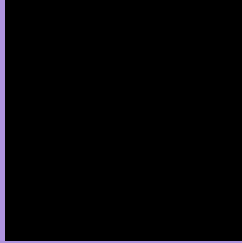
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 174, 147, 222 Background



This preview shows how black text looks on a background with the RGB color 174, 147, 222.

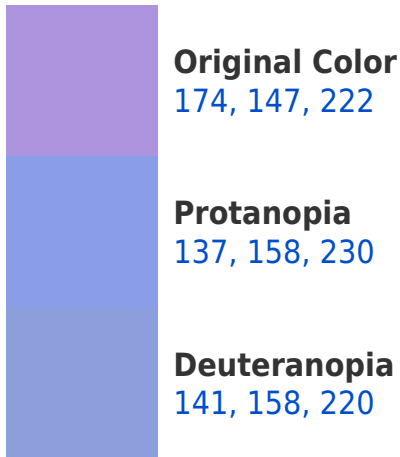


This preview shows how white text looks on a background with the RGB color 174, 147, 222.

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
165, 157, 170

Trichromacy



Original Color

174, 147, 222

Protanomaly

150, 154, 227

Deuteranomaly

153, 154, 221

Tritanomaly

168, 153, 189

Monochromacy



Original Color

174, 147, 222

Achromatopsia

164, 164, 164

Achromatomaly

168, 158, 185

CSS Examples

Text

The CSS property to change the color of the text to RGB 174, 147, 222 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, 147, 222)` looks like.

```
.text, #text, p{  
    color:rgb(174, 147, 222)  
}
```

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, 147, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 147, 222) }
```

Border

The CSS property to change the border of an element to RGB 174, 147, 222 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, 147, 222) }
```

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

```
.border{ border-color:rgb(174, 147, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 147, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(174, 147, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(174, 147, 222); box-shadow:4px 4px 4px 4px rgb(174, 147, 222) }
```

Background

The CSS property to change the background color of an element to RGB 174, 147, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 147, 222) }
```

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

```
.background{ background-color: rgb(174,  
147, 222) }
```

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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