

Converting Colors

RGB(172, 103, 224)

Have a look what the booklet for
RGB(172, 103, 224) contains.

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Color

RGB(172, 103, 224)

Conversions

Conversions Part 1

Format	Color
Hex	AC67E0
RGB	172, 103, 224
RGB Percent	67%, 40%, 88%
CMY	0.3255, 0.5961, 0.1216
CMYK	0.23, 0.54, 0.00, 0.12
HSL	274°, 66%, 64%
HSV	274°, 54%, 88%
XYZ	35.3181, 23.8530, 73.2636
YIQ	137.4250, 2.2830, 52.2590

Conversions

Conversions Part 2

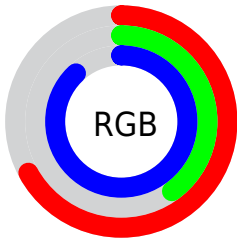
Format	Color
R _Y B	172, 103, 224
Decimal	11298784
CIE Lab	55.94, 49.38, -51.22
CIE LCh	56, 71.146, 313.950
Yxy	23.8530, 0.2667, 0.1801
Android (android.graphics.Color)	4289488864 (0xFFAC67E0)
YUV	137.4250, 42.6815, 30.3223
Hunter-Lab	48.8395, 43.6123, -54.7527

Details

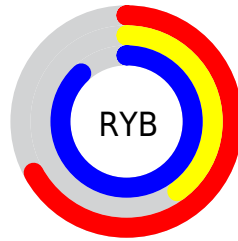
The RGB color **172, 103, 224** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **155, 224, 103**, and the grayscale version is **137, 137, 137**.

A 20% lighter version of the original color is **230, 156, 255**, and **116, 52, 168** is the 20% darker color. If you saturate the color by 10%, you get **162, 81, 224**, and if you desaturate by 10%, it is **182, 125, 224**.

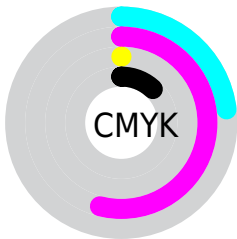
Distribution



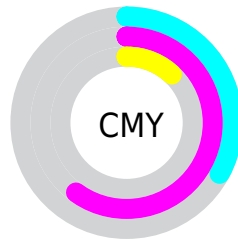
- Red (67%)
- Green (40%)
- Blue (88%)



- Red (67%)
- Yellow (40%)
- Blue (88%)



- Cyan (23%)
- Magenta (54%)
- Yellow (0%)
- Black (12%)




- Cyan (33%)
- Magenta (60%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RGB color 172, 103, 224 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 172, 103, 224 by changing the saturation by 10% instead.

 172, 103, 224


255, 255, 255

 230, 156, 255

 255, 184, 255

 255, 212, 255

 255, 241, 255

 172, 103, 224

 144, 77, 196

 116, 52, 168

 89, 25, 141

 62, 0, 115

 33, 0, 90

 0, 0, 66

 0, 3, 42

 0, 1, 20

 0, 0, 0

■ 172, 103, 224

■ 172, 103, 224

■ 162, 81, 224

■ 182, 125, 224

■ 153, 58, 224

■ 191, 148, 224

■ 143, 36, 224

■ 201, 170, 224

■ 133, 13, 224

■ 211, 193, 224

■ 128, 0, 224

■ 220, 215, 224

■ 230, 237, 224

■ 239, 255, 224

■ 249, 255, 224

■ 255, 255, 224

Harmonies

Analogous

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



23, 132, 255



172, 103, 224



227, 72, 170

Triad

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



172, 103, 224



188, 119, 0



0, 162, 162

Complementary

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



172, 103, 224



155, 224, 103

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, 160, 98



172, 103, 224



135, 140, 0

Square

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



172, 103, 224



227, 90, 49



59, 153, 32



0, 159, 219

Rectangle

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



172, 103, 224



241, 63, 129



59, 153, 32



0, 161, 141

Sweetspot

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



172, 103, 224



237, 214, 255



103, 155, 224



117, 103, 128



0, 0, 0



128, 128, 128

Same Dimension

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



172, 103, 224



184, 89, 255



224, 103, 216



107, 101, 112



100, 0, 176



28, 0, 48

Inverse Universe

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



224, 103, 155



255, 89, 160



103, 224, 111



112, 101, 106



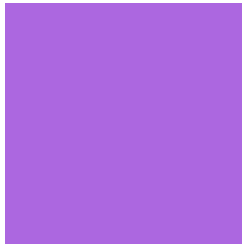
176, 0, 76



48, 0, 21

Previews

White Background



This preview shows how the RGB color 172, 103, 224 looks on a white background.

Color Contrast Check

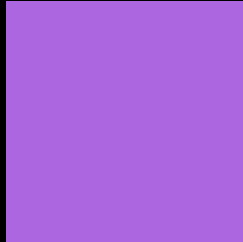
Large Text (above 18pt) WCAG AA ✓ Pass

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 172, 103, 224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

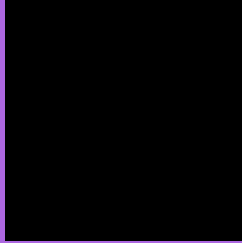
Any Text WCAG AA ✓ Pass

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 172, 103, 224 Background



This preview shows how black text looks on a background with the RGB color 172, 103, 224.

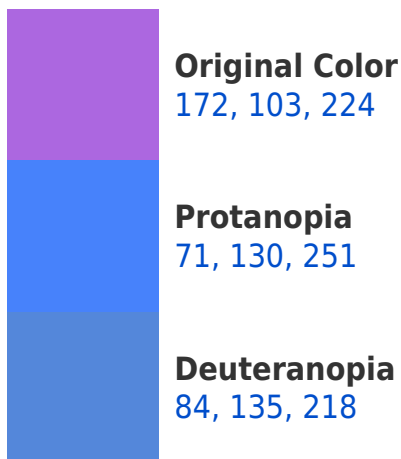


This preview shows how white text looks on a background with the RGB color 172, 103, 224.

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
157, 126, 135

Trichromacy



Original Color
172, 103, 224

Protanomaly
108, 120, 241

Deuteranomaly
116, 123, 220

Tritanomaly
162, 118, 167

Monochromacy



Original Color
172, 103, 224

Achromatopsia
137, 137, 137

Achromatomaly
150, 125, 169

CSS Examples

Text

The CSS property to change the color of the text to RGB 172, 103, 224 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(172, 103, 224)` looks like.

```
.text, #text, p{  
    color:rgb(172, 103, 224)  
}
```

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(172, 103, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 103, 224) }
```

Border

The CSS property to change the border of an element to RGB 172, 103, 224 is called "border". The border property can be set on classes, ids or directly on the HTML element.

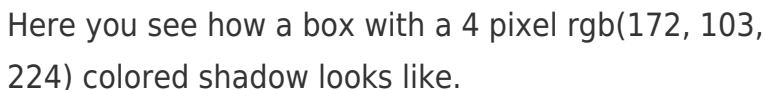
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(172, 103, 224) }
```

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

```
.border{ border-color:rgb(172, 103, 224) }
```

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



Here you see how a box with a 4 pixel `rgb(172, 103, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 103, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 103, 224); box-shadow:4px 4px 4px 4px rgb(172, 103, 224) }
```

Background

The CSS property to change the background color of an element to RGB 172, 103, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 103, 224) }
```

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

```
.background{ background-color: rgb(172,  
103, 224) }
```

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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