

Converting Colors

RGB(172, 123, 234)

Have a look what the booklet for
RGB(172, 123, 234) contains.

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Color

RGB(172, 123, 234)

Conversions

Conversions Part 1

Format	Color
Hex	AC7BEA
RGB	172, 123, 234
RGB Percent	67%, 48%, 92%
CMY	0.3255, 0.5176, 0.0824
CMYK	0.26, 0.47, 0.00, 0.08
HSL	266°, 73%, 70%
HSV	266°, 47%, 92%
XYZ	38.9475, 28.8771, 81.3630
YIQ	150.3050, -6.4270, 44.9090

Conversions

Conversions Part 2

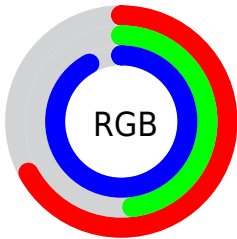
Format	Color
R_{YB}	172, 123, 234
Decimal	11303914
CIE _{Lab}	60.67, 40.89, -49.29
CIE _{LCh}	61, 64.048, 309.677
Yxy	28.8771, 0.2611, 0.1936
Android (android.graphics.Color)	4289493994 (0xFFAC7BEA)
YUV	150.3050, 41.2616, 19.0265
Hunter-Lab	53.7374, 35.3318, -52.1539

Details

The RGB color **172, 123, 234** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **185, 234, 123**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **230, 176, 255**, and **117, 73, 178** is the 20% darker color. If you saturate the color by 10%, you get **159, 100, 234**, and if you desaturate by 10%, it is **185, 146, 234**.

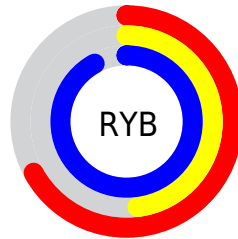
Distribution



Red (67%)

Green (48%)

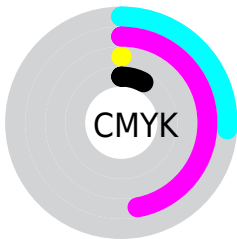
Blue (92%)



Red (67%)

Yellow (48%)

Blue (92%)

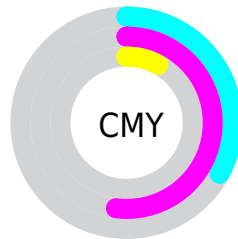


Cyan (26%)

Magenta (47%)

Yellow (0%)

Black (8%)



Cyan (33%)


Magenta (52%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 172, 123, 234 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, 123, 234 by changing the saturation by 10% instead.


 172, 123, 234

255, 255, 255

 230, 176, 255

 255, 204, 255

 255, 233, 255

 172, 123, 234

 144, 97, 205

 117, 73, 178

 90, 48, 150

 62, 24, 124


 34, 0, 99

 6, 0, 74


 0, 4, 50

 0, 2, 28


 0, 0, 0

 172, 123, 234


 172, 123, 234


 159, 100, 234

 185, 146, 234

 146, 76, 234

 198, 170, 234

 133, 53, 234

 211, 193, 234

 120, 29, 234

 224, 217, 234

 107, 6, 234

 237, 240, 234

 103, 0, 234

 250, 255, 234

 255, 255, 234

Harmonies

Analogous

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



48, 147, 255



172, 123, 234



228, 99, 187

Triad

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



172, 123, 234



205, 129, 31



0, 173, 164

Complementary

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



172, 123, 234



185, 234, 123

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, 170, 105



172, 123, 234



157, 149, 8

Square

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



172, 123, 234



238, 105, 77



96, 163, 51



0, 171, 217

Rectangle

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



172, 123, 234



245, 90, 149



96, 163, 51



0, 173, 144

Sweetspot

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



172, 123, 234



235, 219, 255



123, 186, 234



115, 106, 128



0, 0, 0



128, 128, 128

Same Dimension

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



172, 123, 234



174, 110, 255



227, 123, 234



111, 106, 117



80, 0, 181



24, 0, 54

Inverse Universe

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



234, 123, 185



255, 110, 191



130, 234, 123



117, 106, 112



181, 0, 101



54, 0, 30

Previews

White Background



This preview shows how the RGB color 172, 123, 234 looks on a white background.

Color Contrast Check

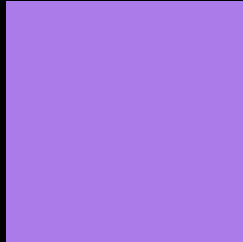
Large Text (above 18pt) WCAG AA ✓ Pass

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, 123, 234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

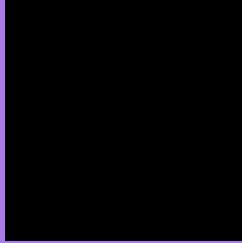
Any Text WCAG AA ✓ Pass

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, 123, 234 Background



This preview shows how black text looks on a background with the RGB color 172, 123, 234.

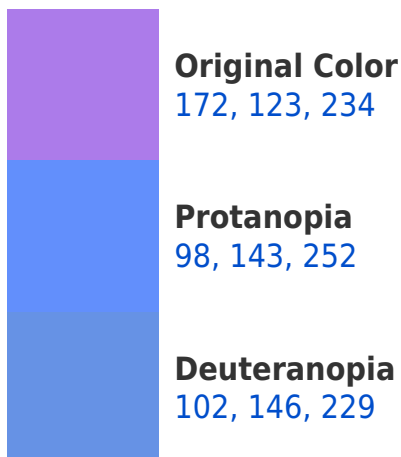


This preview shows how white text looks on a background with the RGB color 172, 123, 234.

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, 142, 153

Trichromacy



Original Color
172, 123, 234

Protanomaly
125, 136, 245

Deuteranomaly
127, 138, 231

Tritanomaly
162, 135, 182

Monochromacy



Original Color
172, 123, 234

Achromatopsia
150, 150, 150

Achromatomaly
158, 140, 181

CSS Examples

Text

The CSS property to change the color of the text to RGB 172, 123, 234 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, 123, 234)` looks like.

```
.text, #text, p{  
    color:rgb(172, 123, 234)  
}
```

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, 123, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 123, 234) }
```

Border

The CSS property to change the border of an element to RGB 172, 123, 234 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, 123, 234) }
```

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

```
.border{ border-color:rgb(172, 123, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 123, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 123, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 123, 234);  
box-shadow:4px 4px 4px 4px rgb(172, 123,  
234) }
```

Background

The CSS property to change the background color of an element to RGB 172, 123, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 123, 234) }
```

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

```
.background{ background-color: rgb(172,  
123, 234) }
```

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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