

Converting Colors

RGB(172, 102, 241)

Have a look what the booklet for
RGB(172, 102, 241) contains.

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Color

RGB(172, 102, 241)

Conversions

Conversions Part 1

Format	Color
Hex	AC66F1
RGB	172, 102, 241
RGB Percent	67%, 40%, 95%
CMY	0.3255, 0.6000, 0.0549
CMYK	0.29, 0.58, 0.00, 0.05
HSL	270°, 83%, 67%
HSV	270°, 58%, 95%
XYZ	37.6418, 24.6243, 85.9881
YIQ	138.7760, -2.8990, 58.0690

Conversions

Conversions Part 2

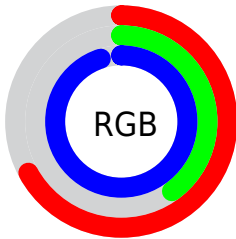
Format	Color
R _Y B	172, 102, 241
Decimal	11298545
CIE Lab	56.71, 53.79, -59.51
CIE LCh	57, 80.214, 312.109
Yxy	24.6243, 0.2539, 0.1661
Android (android.graphics.Color)	4289488625 (0xFFAC66F1)
YUV	138.7760, 50.3964, 29.1374
Hunter-Lab	49.6228, 48.5626, -68.0037

Details

The RGB color **172, 102, 241** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **171, 241, 102**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **231, 156, 255**, and **115, 50, 184** is the 20% darker color. If you saturate the color by 10%, you get **160, 78, 241**, and if you desaturate by 10%, it is **184, 126, 241**.

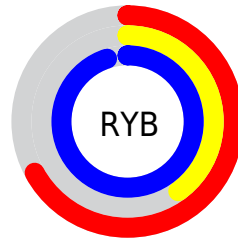
Distribution



Red (67%)

Green (40%)

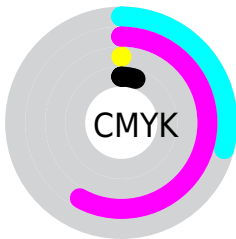
Blue (95%)



Red (67%)

Yellow (40%)

Blue (95%)

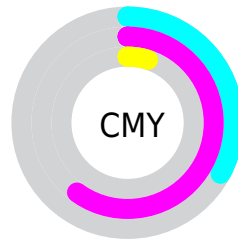


Cyan (29%)

Magenta (58%)

Yellow (0%)

Black (5%)



Cyan (33%)


Magenta (60%)

Yellow (5%)


Brightness & Saturation Gradients

These gradients show how the RGB color 172, 102, 241 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, 102, 241 by changing the saturation by 10% instead.

 172, 102, 241


255, 255, 255


 231, 156, 255

 255, 183, 255

 255, 212, 255

 255, 240, 255

 172, 102, 241

 143, 76, 212

 115, 50, 184

 87, 22, 157

 58, 0, 130

 24, 0, 104


 0, 0, 79


 0, 5, 55


 0, 2, 33


 0, 0, 5

 172, 102, 241


 172, 102, 241


 160, 78, 241


 184, 126, 241


 148, 54, 241


 196, 150, 241

 136, 30, 241

 208, 174, 241

 124, 6, 241

 220, 198, 241

 121, 0, 241

 232, 222, 241

 244, 247, 241

 255, 255, 241

Harmonies

Analogous

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



0, 136, 255



172, 102, 241



238, 60, 181

Triad

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



172, 102, 241



198, 117, 0



0, 166, 164

Complementary

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



172, 102, 241



171, 241, 102

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, 164, 90



172, 102, 241



139, 142, 0

Square

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



172, 102, 241



240, 81, 43



51, 156, 0



0, 165, 229

Rectangle

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



172, 102, 241



255, 42, 134



51, 156, 0



0, 166, 139

Sweetspot

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



172, 102, 241



233, 212, 255



102, 171, 241



115, 102, 128



0, 0, 0



128, 128, 128

Same Dimension

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



172, 102, 241



168, 79, 255



241, 102, 241



114, 108, 120



92, 0, 184



28, 0, 56

Inverse Universe

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



241, 102, 171



255, 79, 166



102, 241, 102



120, 108, 114



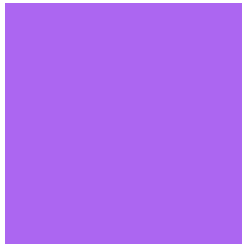
184, 0, 91



56, 0, 28

Previews

White Background



This preview shows how the RGB color 172, 102, 241 looks on a white background.

Color Contrast Check

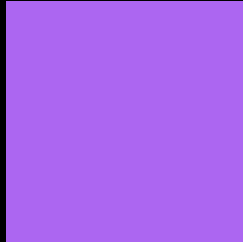
Large Text (above 18pt) WCAG AA ✓ Pass

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, 102, 241 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, 102, 241 Background



This preview shows how black text looks on a background with the RGB color 172, 102, 241.

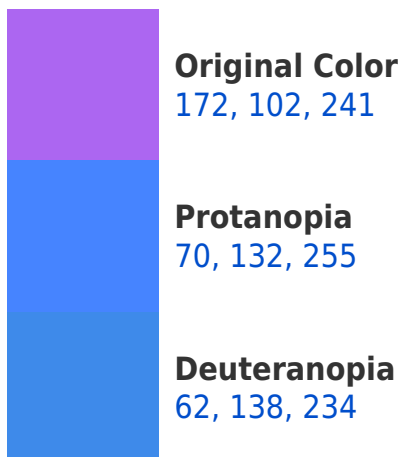



This preview shows how white text looks on a background with the RGB color 172, 102, 241.

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
154, 129, 139

Trichromacy



Original Color

172, 102, 241



Protanomaly

107, 121, 250



Deuteranomaly

102, 125, 237



Tritanomaly

161, 119, 176

Monochromacy



Original Color

172, 102, 241



Achromatopsia

139, 139, 139



Achromatomaly

151, 126, 176

CSS Examples

Text

The CSS property to change the color of the text to RGB 172, 102, 241 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, 102, 241)` looks like.

```
.text, #text, p{  
    color:rgb(172, 102, 241)  
}
```

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, 102, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 102, 241) }
```

Border

The CSS property to change the border of an element to RGB 172, 102, 241 is called "border". The border property can be set on classes, ids or directly on the HTML element.

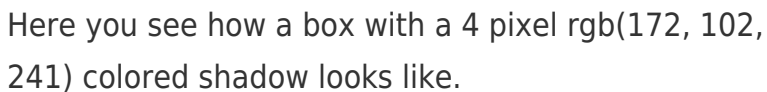
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(172, 102, 241) }
```

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

```
.border{ border-color:rgb(172, 102, 241) }
```

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



Here you see how a box with a 4 pixel `rgb(172, 102, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 102, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 102, 241);  
box-shadow:4px 4px 4px 4px rgb(172, 102,  
241) }
```

Background

The CSS property to change the background color of an element to RGB 172, 102, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 102, 241) }
```

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

```
.background{ background-color: rgb(172,  
102, 241) }
```

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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