

Converting Colors

RGB(172, 120, 179)

Have a look what the booklet for
RGB(172, 120, 179) contains.

RGB(172, 120, 179)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(172, 120, 179)

Conversions

Conversions Part 1

Format	Color
Hex	AC78B3
RGB	172, 120, 179
RGB Percent	67%, 47%, 70%
CMY	0.3255, 0.5294, 0.2980
CMYK	0.04, 0.33, 0.00, 0.30
HSL	293°, 28%, 59%
HSV	293°, 33%, 70%
XYZ	31.8664, 25.4583, 45.8822
YIQ	142.2740, 12.0530, 29.3730

Conversions

Conversions Part 2

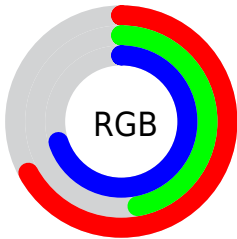
Format	Color
RYB	172, 120, 179
Decimal	11303091
CIELab	57.52, 30.46, -23.19
CIELCh	58, 38.278, 322.720
Yxy	25.4583, 0.3088, 0.2467
Android (android.graphics.Color)	4289493171 (0xFFAC78B3)
YUV	142.2740, 18.1059, 26.0697
Hunter-Lab	50.4562, 24.4362, -18.5959

Details

The RGB color **172, 120, 179** is a light color, and the websafe version is hex **996699**. A complement of this color would be **127, 179, 120**, and the grayscale version is **142, 142, 142**.

A 20% lighter version of the original color is **228, 173, 235**, and **119, 70, 126** is the 20% darker color. If you saturate the color by 10%, you get **170, 102, 179**, and if you desaturate by 10%, it is **174, 138, 179**.

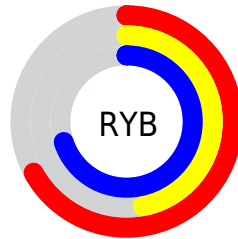
Distribution



Red (67%)

Green (47%)

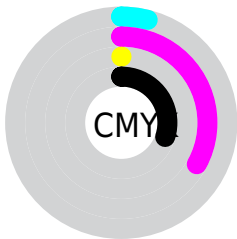
Blue (70%)



Red (67%)

Yellow (47%)

Blue (70%)

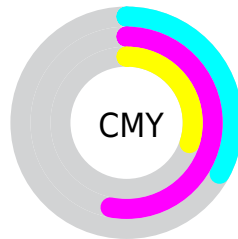


Cyan (4%)

Magenta (33%)

Yellow (0%)

Black (30%)



Cyan (33%)

Magenta (53%)

Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the RGB color 172, 120, 179 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, 120, 179 by changing the saturation by 10% instead.

 172, 120, 179

255, 255, 255


 228, 173, 235

 255, 201, 255

 255, 229, 255

 172, 120, 179

 145, 95, 152

 119, 70, 126

 93, 47, 101

 69, 23, 77

 45, 1, 54

 23, 0, 32

 0, 0, 4


 0, 0, 0

 172, 120, 179


 172, 120, 179

 170, 102, 179

 174, 138, 179


 168, 84, 179


 176, 156, 179

 166, 66, 179


 178, 174, 179

 164, 48, 179

 180, 192, 179

 161, 30, 179

 183, 209, 179

 159, 13, 179

 185, 227, 179

 158, 0, 179

 187, 245, 179

 189, 255, 179

 191, 255, 179

Harmonies

Analogous

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



129, 133, 200



172, 120, 179



196, 112, 148

Triad

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



172, 120, 179



166, 133, 71



0, 155, 163

Complementary

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



172, 120, 179



127, 179, 120

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.



39, 155, 129



172, 120, 179



133, 144, 75

Square

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



172, 120, 179



190, 121, 86



94, 151, 96



0, 152, 190

Rectangle

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



172, 120, 179



202, 111, 125



94, 151, 96



0, 156, 152

Sweetspot

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



172, 120, 179



229, 209, 232



120, 128, 179



116, 103, 117



245, 245, 245



117, 117, 117

Same Dimension

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



172, 120, 179



221, 139, 232



179, 120, 157



88, 80, 89



135, 0, 153



22, 0, 26

Inverse Universe

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



179, 120, 127



232, 139, 150



120, 179, 142



89, 80, 81



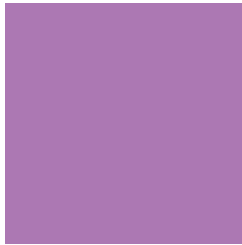
153, 0, 18



26, 0, 3

Previews

White Background



This preview shows how the RGB color 172, 120, 179 looks on a white background.

Color Contrast Check

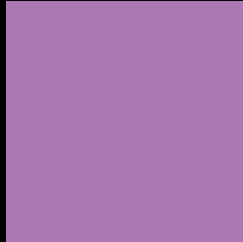
Large Text (above 18pt) WCAG AA ✓ Pass

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, 120, 179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

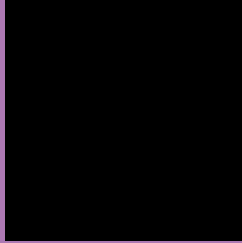
Any Text WCAG AA ✓ Pass

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, 120, 179 Background



This preview shows how black text looks on a background with the RGB color 172, 120, 179.

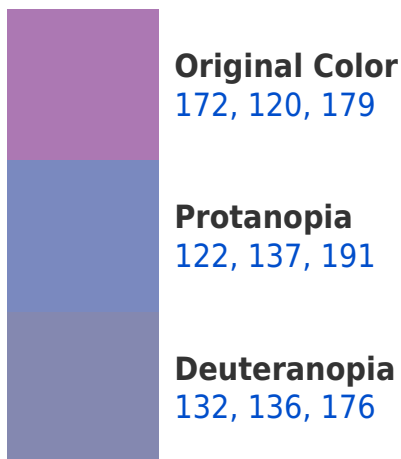


This preview shows how white text looks on a background with the RGB color 172, 120, 179.

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
166, 128, 138

Trichromacy



Original Color
172, 120, 179

Protanomaly
140, 131, 187

Deuteranomaly
147, 130, 177

Tritanomaly
168, 125, 153

Monochromacy



Original Color
172, 120, 179

Achromatopsia
142, 142, 142

Achromatomaly
153, 134, 155

CSS Examples

Text

The CSS property to change the color of the text to RGB 172, 120, 179 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, 120, 179)` looks like.

```
.text, #text, p{  
    color:rgb(172, 120, 179)  
}
```

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, 120, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 120, 179) }
```

Border

The CSS property to change the border of an element to RGB 172, 120, 179 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, 120, 179) }
```

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

```
.border{ border-color:rgb(172, 120, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 120, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 120, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 120, 179);  
box-shadow:4px 4px 4px 4px rgb(172, 120,  
179) }
```

Background

The CSS property to change the background color of an element to RGB 172, 120, 179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 120, 179) }
```

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

```
.background{ background-color: rgb(172,  
120, 179) }
```

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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