

Converting Colors

RGB(168, 117, 178)

Have a look what the booklet for
RGB(168, 117, 178) contains.

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Color

RGB(168, 117, 178)

Conversions

Conversions Part 1

Format	Color
Hex	A875B2
RGB	168, 117, 178
RGB Percent	66%, 46%, 70%
CMY	0.3412, 0.5412, 0.3020
CMYK	0.06, 0.34, 0.00, 0.30
HSL	290°, 28%, 58%
HSV	290°, 34%, 70%
XYZ	30.5456, 24.2618, 45.1925
YIQ	139.2030, 10.8150, 29.7830

Conversions

Conversions Part 2

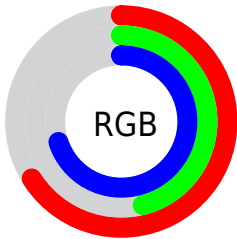
Format	Color
R_{YB}	168, 117, 178
Decimal	11040178
CIE _{Lab}	56.35, 30.64, -24.45
CIE _{LCh}	56, 39.194, 321.409
Yxy	24.2618, 0.3055, 0.2426
Android (android.graphics.Color)	4289230258 (0xFFA875B2)
YUV	139.2030, 19.1269, 25.2550
Hunter-Lab	49.2562, 24.4961, -19.9191

Details

The RGB color **168, 117, 178** is a light color, and the websafe version is hex **996699**. A complement of this color would be **127, 178, 117**, and the grayscale version is **139, 139, 139**.

A 20% lighter version of the original color is **224, 170, 234**, and **115, 67, 125** is the 20% darker color. If you saturate the color by 10%, you get **165, 99, 178**, and if you desaturate by 10%, it is **171, 135, 178**.

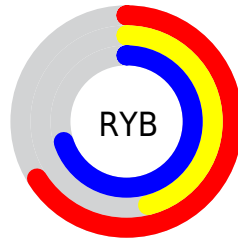
Distribution



Red (66%)

Green (46%)

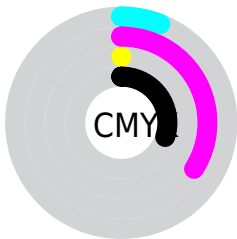
Blue (70%)



Red (66%)

Yellow (46%)

Blue (70%)

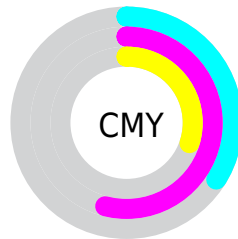


Cyan (6%)

Magenta (34%)

Yellow (0%)

Black (30%)



Cyan (34%)

Magenta (54%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RGB color 168, 117, 178 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 168, 117, 178 by changing the saturation by 10% instead.

 168, 117, 178

255, 255, 255

 224, 170, 234


 253, 197, 255

 255, 226, 255

255, 254, 255


 168, 117, 178

 168, 117, 178

 141, 92, 151

 115, 67, 125

 90, 44, 100

 65, 21, 76

 42, 0, 53


 16, 0, 31

 0, 0, 2

 0, 0, 0


 168, 117, 178

 165, 99, 178

 171, 135, 178


 162, 81, 178


 174, 153, 178

 159, 64, 178


 177, 170, 178

 156, 46, 178

 180, 188, 178

 153, 28, 178


 183, 206, 178

 150, 10, 178

 186, 224, 178

 149, 0, 178

 188, 242, 178

 191, 255, 178

 194, 255, 178

Harmonies

Analogous

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



123, 130, 199



168, 117, 178



194, 108, 146

Triad

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



168, 117, 178



165, 130, 67



0, 153, 159

Complementary

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



168, 117, 178



127, 178, 117

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.



33, 152, 124



168, 117, 178



132, 141, 70

Square

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



168, 117, 178



189, 118, 83



92, 148, 91



0, 149, 188

Rectangle

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



168, 117, 178



200, 107, 123



92, 148, 91



0, 153, 147

Sweetspot

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



168, 117, 178



228, 209, 232



117, 127, 178



115, 103, 117



245, 245, 245



117, 117, 117

Same Dimension

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



168, 117, 178



216, 137, 232



178, 117, 158



88, 80, 89



128, 0, 153



21, 0, 26

Inverse Universe

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



178, 117, 127



232, 137, 153



117, 178, 137



89, 80, 82



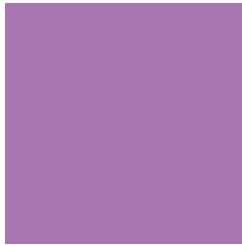
153, 0, 25



26, 0, 4

Previews

White Background



This preview shows how the RGB color 168, 117, 178 looks on a white background.

Color Contrast Check

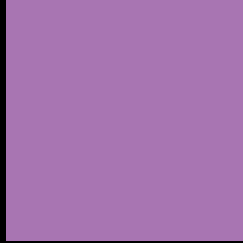
Large Text (above 18pt) WCAG AA ✓ Pass

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 168, 117, 178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

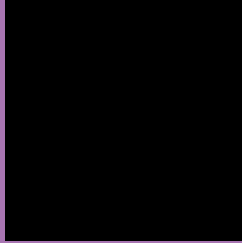
Any Text WCAG AA ✓ Pass

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 168, 117, 178 Background



This preview shows how black text looks on a background with the RGB color 168, 117, 178.

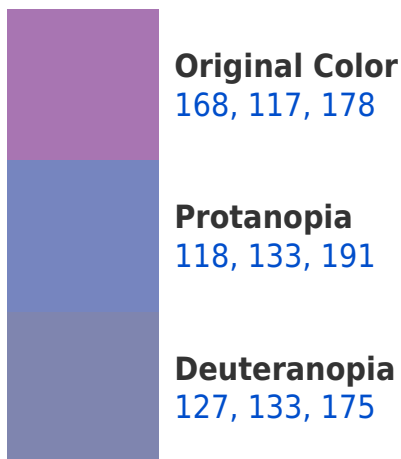


This preview shows how white text looks on a background with the RGB color 168, 117, 178.

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
162, 126, 135

Trichromacy



Original Color
168, 117, 178

Protanomaly
136, 127, 186

Deuteranomaly
142, 127, 176

Tritanomaly
164, 123, 151

Monochromacy



Original Color
168, 117, 178

Achromatopsia
139, 139, 139

Achromatomaly
150, 131, 153

CSS Examples

Text

The CSS property to change the color of the text to RGB 168, 117, 178 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(168, 117, 178)` looks like.

```
.text, #text, p{  
    color:rgb(168, 117, 178)  
}
```

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(168, 117, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 117, 178) }
```

Border

The CSS property to change the border of an element to RGB 168, 117, 178 is called "border". The border property can be set on classes, ids or directly on the HTML element.

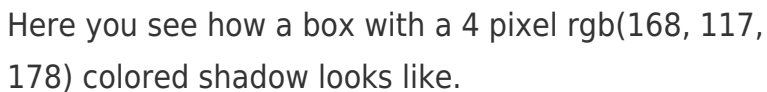
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 117, 178) }
```

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

```
.border{ border-color:rgb(168, 117, 178) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 117, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 117, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 117, 178); box-shadow:4px 4px 4px 4px rgb(168, 117, 178) }
```

Background

The CSS property to change the background color of an element to RGB 168, 117, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 117, 178) }
```

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

```
.background{ background-color: rgb(168,  
117, 178) }
```

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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