

Converting Colors

RGB(168, 148, 209)

Have a look what the booklet for
RGB(168, 148, 209) contains.

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Color

RGB(168, 148, 209)

Conversions

Conversions Part 1

Format	Color
Hex	A894D1
RGB	168, 148, 209
RGB Percent	66%, 58%, 82%
CMY	0.3412, 0.4196, 0.1804
CMYK	0.20, 0.29, 0.00, 0.18
HSL	260°, 40%, 70%
HSV	260°, 29%, 82%
XYZ	38.2470, 34.1081, 64.8893
YIQ	160.9340, -7.6610, 23.2110

Conversions

Conversions Part 2

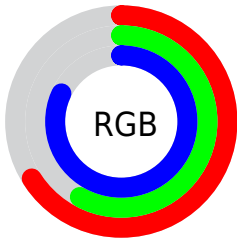
Format	Color
RYB	168, 148, 209
Decimal	11048145
CIELab	65.05, 19.79, -28.57
CIElCh	65, 34.755, 304.715
Yxy	34.1081, 0.2787, 0.2485
Android (android.graphics.Color)	4289238225 (0xFFA894D1)
YUV	160.9340, 23.6965, 6.1969
Hunter-Lab	58.4021, 14.6942, -24.9943

Details

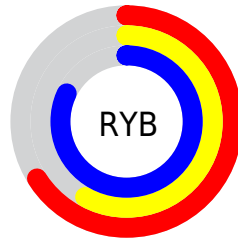
The RGB color **168, 148, 209** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **189, 209, 148**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **224, 202, 255**, and **115, 97, 154** is the 20% darker color. If you saturate the color by 10%, you get **154, 127, 209**, and if you desaturate by 10%, it is **182, 169, 209**.

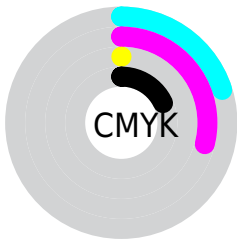
Distribution



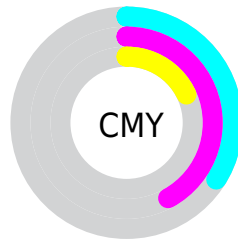
- Red (66%)
- Green (58%)
- Blue (82%)



- Red (66%)
- Yellow (58%)
- Blue (82%)



- Cyan (20%)
- Magenta (29%)
- Yellow (0%)
- Black (18%)



- Cyan (34%)
- Magenta (42%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 168, 148, 209 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, 148, 209 by changing the saturation by 10% instead.


 168, 148, 209

255, 255, 255

 224, 202, 255

 253, 230, 255


 168, 148, 209

 141, 122, 181

 115, 97, 154

 90, 73, 128

 65, 51, 103

 41, 29, 79

 18, 7, 55


 0, 2, 33

 0, 0, 7


 0, 0, 0

 168, 148, 209

 168, 148, 209

 154, 127, 209

 182, 169, 209

 140, 106, 209

 196, 190, 209

 126, 85, 209

 210, 211, 209

 112, 64, 209


 224, 232, 209

 98, 44, 209


 238, 253, 209

 84, 23, 209

 252, 255, 209

 70, 2, 209

 255, 255, 209

 69, 0, 209

Harmonies

Analogous

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



121, 159, 219



168, 148, 209



201, 138, 185

Triad

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



168, 148, 209



200, 147, 102



61, 175, 162

Complementary

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



168, 148, 209



189, 209, 148

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.



103, 172, 130



168, 148, 209



174, 158, 95

Square

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



168, 148, 209



216, 137, 124



141, 167, 106



31, 173, 192

Rectangle

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



168, 148, 209



214, 134, 165



141, 167, 106



75, 174, 151

Sweetspot

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



168, 148, 209



240, 232, 255



148, 190, 209



118, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



168, 148, 209



195, 166, 255



198, 148, 209



98, 94, 105



55, 0, 168



13, 0, 41

Inverse Universe

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



209, 148, 189



255, 166, 226



159, 209, 148



105, 94, 101



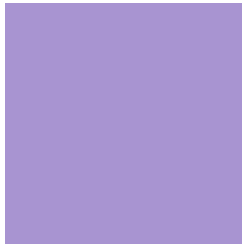
168, 0, 113



41, 0, 27

Previews

White Background



This preview shows how the RGB color 168, 148, 209 looks on a white background.

Color Contrast Check

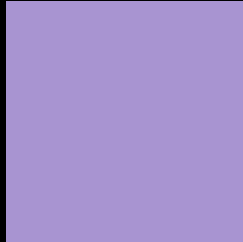
Large Text (above 18pt) WCAG AA × Fail

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, 148, 209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

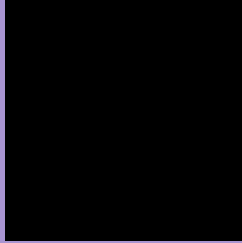
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 168, 148, 209 Background



This preview shows how black text looks on a background with the RGB color 168, 148, 209.



This preview shows how white text looks on a background with the RGB color 168, 148, 209.

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



Original Color
168, 148, 209

Protanopia
141, 156, 215

Deuteranopia
146, 155, 208



Tritanopia
161, 156, 168

Trichromacy



Original Color
168, 148, 209

Protanomaly
151, 153, 213

Deuteranomaly
154, 152, 208

Tritanomaly
164, 153, 183

Monochromacy



Original Color
168, 148, 209

Achromatopsia
161, 161, 161

Achromatomaly
164, 156, 178

CSS Examples

Text

The CSS property to change the color of the text to RGB 168, 148, 209 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, 148, 209)` looks like.

```
.text, #text, p{  
    color:rgb(168, 148, 209)  
}
```

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, 148, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 148, 209) }
```

Border

The CSS property to change the border of an element to RGB 168, 148, 209 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, 148, 209) }
```

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

```
.border{ border-color:rgb(168, 148, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 148, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 148, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 148, 209);  
box-shadow:4px 4px 4px 4px rgb(168, 148,  
209) }
```

Background

The CSS property to change the background color of an element to RGB 168, 148, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 148, 209) }
```

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

```
.background{ background-color: rgb(168,  
148, 209) }
```

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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