

# Converting Colors

RGB(168, 143, 187)

Have a look what the booklet for  
RGB(168, 143, 187) contains.

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# **Color**

**RGB(168, 143, 187)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A88FBB
RGB	168, 143, 187
RGB Percent	66%, 56%, 73%
CMY	0.3412, 0.4392, 0.2667
CMYK	0.10, 0.24, 0.00, 0.27
HSL	274°, 24%, 65%
HSV	274°, 24%, 73%
XYZ	34.9406, 31.5576, 51.2634
YIQ	155.4910, 0.7760, 18.9840

# Conversions

## Conversions Part 2

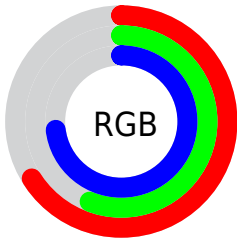
Format	Color
<a href="#">RYB</a>	<a href="#">168, 143, 187</a>
Decimal	<a href="#">11046843</a>
CIELab	<a href="#">62.98, 17.77, -19.42</a>
CIELCh	<a href="#">63, 26.325, 312.449</a>
Yxy	<a href="#">31.5576, 0.2967, 0.2680</a>
Android (android.graphics.Color)	<a href="#">4289236923 (0xFFA88FBB)</a>
YUV	<a href="#">155.4910, 15.5339, 10.9704</a>
Hunter-Lab	<a href="#">56.1762, 12.7155, -14.7816</a>

# Details

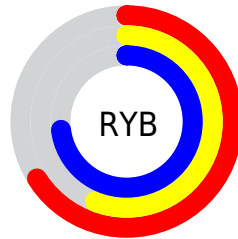
The RGB color **168, 143, 187** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **162, 187, 143**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **223, 197, 243**, and **116, 93, 134** is the 20% darker color. If you saturate the color by 10%, you get **160, 124, 187**, and if you desaturate by 10%, it is **176, 162, 187**.

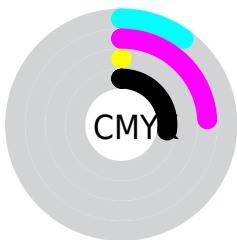
# Distribution



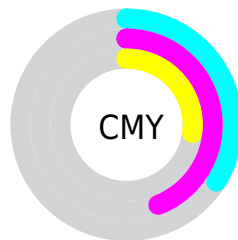
- Red (66%)
- Green (56%)
- Blue (73%)



- Red (66%)
- Yellow (56%)
- Blue (73%)



- Cyan (10%)
- Magenta (24%)
- Yellow (0%)
- Black (27%)



- Cyan (34%)
- Magenta (44%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 168, 143, 187 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, 143, 187 by changing the saturation by 10% instead.




 168, 143, 187


255, 255, 255

 223, 197, 243


 252, 225, 255

255, 254, 255

 168, 143, 187


 141, 117, 160

 116, 93, 134

 91, 69, 108


 67, 46, 84

 44, 25, 61

 25, 0, 39

 0, 1, 17

 0, 0, 0

 168, 143, 187

 168, 143, 187


 160, 124, 187

 176, 162, 187

 152, 106, 187

 184, 180, 187

 144, 87, 187


 192, 199, 187

 136, 68, 187


 200, 218, 187

 128, 49, 187

 208, 236, 187

 120, 31, 187


 216, 255, 187

 111, 12, 187

 225, 255, 187

 106, 0, 187

 233, 255, 187

 241, 255, 187

# Harmonies

## Analogous

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



137, 151, 198



168, 143, 187



190, 137, 167

# Triad

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



168, 143, 187



181, 146, 108



84, 165, 162

# Complementary

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



168, 143, 187



162, 187, 143

# 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.



106, 164, 138



168, 143, 187



159, 154, 106

# Square

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



168, 143, 187



196, 139, 122



133, 160, 117



81, 164, 183

# Rectangle

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



168, 143, 187



198, 135, 151



133, 160, 117



90, 165, 154



# Sweetspot

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



168, 143, 187



235, 225, 242



143, 162, 187



118, 113, 122



250, 250, 250



122, 122, 122



# Same Dimension

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



168, 143, 187



213, 174, 242



187, 143, 184



90, 85, 94



90, 0, 158



17, 0, 31



# Inverse Universe

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



187, 143, 162



242, 174, 204



143, 187, 146



94, 85, 89



158, 0, 68



31, 0, 13



# Previews

## White Background



This preview shows how the RGB color 168, 143, 187 looks on a white background.

## Color Contrast Check

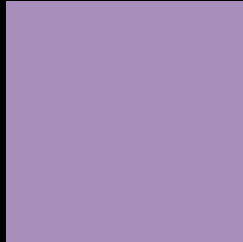
Large Text (above 18pt) WCAG AA × Fail

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, 143, 187 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

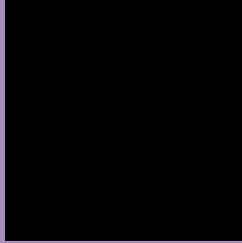
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 168, 143, 187 Background



This preview shows how black text looks on a background with the RGB color 168, 143, 187.

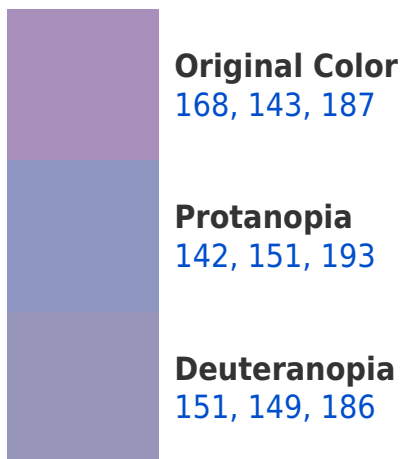


This preview shows how white text looks on a background with the RGB color 168, 143, 187.

# 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**  
164, 148, 160

# Trichromacy



**Original Color**  
168, 143, 187

**Protanomaly**  
151, 148, 191

**Deuteranomaly**  
157, 147, 186

**Tritanomaly**  
165, 146, 170

# Monochromacy



**Original Color**  
168, 143, 187

**Achromatopsia**  
155, 155, 155

**Achromatomaly**  
160, 151, 167

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 168, 143, 187 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, 143, 187) looks like.

```
.text, #text, p{  
    color:rgb(168, 143, 187)  
}
```

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, 143, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 143, 187) }
```

## Border

The CSS property to change the border of an element to RGB 168, 143, 187 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, 143, 187) }
```

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

```
.border{ border-color:rgb(168, 143, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 143, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 143, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 143, 187);  
box-shadow:4px 4px 4px 4px rgb(168, 143,  
187) }
```

# Background

The CSS property to change the background color of an element to RGB 168, 143, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 143, 187) }
```

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

```
.background{ background-color: rgb(168,  
143, 187) }
```

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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