Converting Colors

RGB(168, 135, 175)

Have a look what the booklet for RGB(168, 135, 175) contains.

Color

RGB(168, 135, 175)

Conversions

Conversions Part 1

Format	Color
Hex	A887AF
RGB	168, 135, 175
RGB Percent	66%, 53%, 69%
CMY	0.3412, 0.4706, 0.3137
CMYK	0.04, 0.23, 0.00, 0.31
HSL	290°, 20%, 61%
HSV	290°, 23%, 69%
XYZ	32.5503, 28.7479, 44.3908
YIQ	149.4270, 6.8280, 19.4360

Conversions

Conversions Part 2

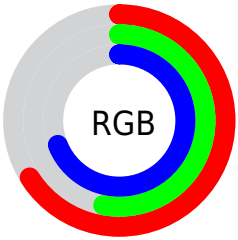
Format	Color
RYB	168, 135, 175
Decimal	11044783
CIELab	60.56, 19.82, -16.30
CIELCh	61, 25.667, 320.568
Yxy	28.7479, 0.3080, 0.2720
Android (android.graphics.Color)	4289234863 (0xFFA887AF)
YUV	149.4270, 12.6075, 16.2885
Hunter-Lab	53.6171, 14.5353, -11.5555

Details

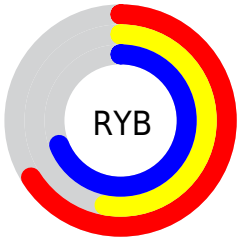
The RGB color 168, 135, 175 is a light color, and the websafe version is hex CC99CC. A complement of this color would be 142, 175, 135, and the grayscale version is 149, 149, 149.

A 20% lighter version of the original color is 223, 188, 231, and 116, 85, 122 is the 20% darker color. If you saturate the color by 10%, you get 165, 118, 175, and if you desaturate by 10%, it is 171, 153, 175.

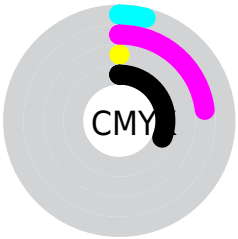
Distribution



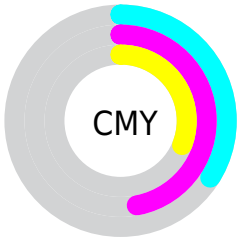
- Red (66%)
- Green (53%)
- Blue (69%)



- Red (66%)
- Yellow (53%)
- Blue (69%)



- Cyan (4%)
- Magenta (23%)
- Yellow (0%)
- Black (31%)



- Cyan (34%)
- Magenta (47%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 168, 135, 175 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, 135, 175 by changing the saturation by 10% instead.

168, 135, 175

255, 255, 255

223, 188, 231

252, 216, 255

255, 245, 255

168, 135, 175

141, 110, 148

116, 85, 122

91, 61, 98

67, 39, 74

44, 18, 51

26, 0, 30

0, 0, 0

0, 0, 0

168, 135, 175

168, 135, 175

165, 118, 175

162, 100, 175

159, 83, 175

156, 65, 175

153, 47, 175

150, 30, 175

147, 12, 175

144, 0, 175

171, 153, 175

174, 170, 175

177, 187, 175

180, 205, 175

183, 223, 175

186, 240, 175

189, 255, 175

192, 255, 175

196, 255, 175

Harmonies

Analogous

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

140, 143, 188

168, 135, 175

186, 130, 154

Triad

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

168, 135, 175

169, 142, 102

77, 158, 161

Complementary

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

168, 135, 175

142, 175, 135

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.

95, 158, 138

168, 135, 175

146, 149, 103

Square

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

168, 135, 175

185, 135, 112

120, 155, 117

80, 156, 180

Rectangle

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

168, 135, 175

191, 129, 139

120, 155, 117

81, 159, 154

Sweetspot

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

168, 135, 175

224, 211, 227

135, 142, 175

113, 106, 115

242, 242, 242

115, 115, 115

Same Dimension

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

168, 135, 175

216, 166, 227

175, 135, 162

85, 78, 87

124, 0, 150

19, 0, 23

Inverse Universe

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

175, 135, 142

227, 166, 176

135, 175, 148

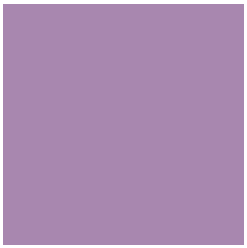
87, 78, 80

150, 0, 26

23, 0, 4

Previews

White Background

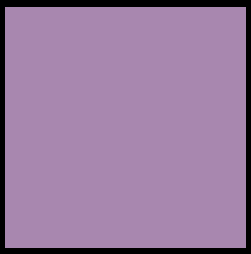


This preview shows how the RGB color 168, 135, 175 looks on a white background.

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



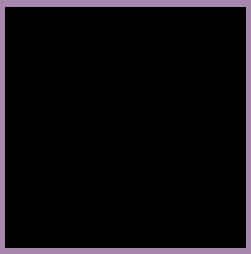
This preview shows how the RGB color 168, 135, 175 looks on a black background.

Color Contrast Check

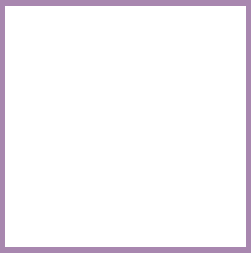
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 168, 135, 175 Background



This preview shows how black text looks on a background with the RGB color 168, 135, 175.

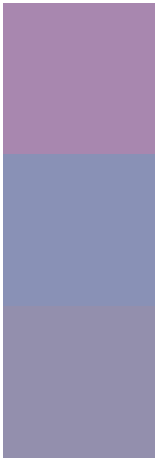


This preview shows how white text looks on a background with the RGB color 168, 135, 175.

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



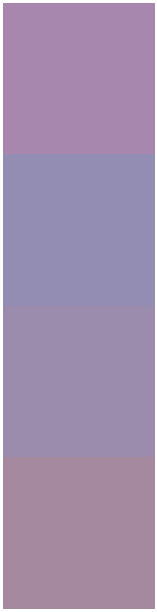
Original Color
168, 135, 175

Protanopia
137, 145, 182

Deuteranopia
147, 143, 173

Tritanopia
164, 139, 150

Trichromacy



Original Color
168, 135, 175

Protanomaly
148, 141, 179

Deuteranomaly
155, 140, 174

Tritanomaly
165, 138, 159

Monochromacy

Original Color
168, 135, 175

Achromatopsia
149, 149, 149

Achromatomaly
156, 144, 158

CSS Examples

Text

The CSS property to change the color of the text to RGB 168, 135, 175 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, 135, 175) looks like.

```
.text, #text, p{
    color:rgb(168, 135, 175)
}
```

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, 135, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 135, 175) }
```

Border

The CSS property to change the border of an element to RGB 168, 135, 175 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, 135, 175) }
```

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

```
.border{ border-color:rgb(168, 135, 175) }
```

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

Here you see how a box with a 4 pixel rgb(168, 135, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 135, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 135, 175); box-shadow:4px 4px 4px 4px rgb(168, 135, 175) }
```

Background

The CSS property to change the background color of an element to RGB 168, 135, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(168, 135, 175) }
```

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

```
.background{ background-color:rgb(168,
135, 175) }
```

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.

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

Learn more, Memberships starting at $2.50/m!

Follow me on Twitter!

@ConvertingColor