Converting Colors

RGB(172, 147, 185)

Have a look what the booklet for RGB(172, 147, 185) contains.

Color

RGB(172, 147, 185)

Conversions

Format	Color
	Conversions Part 1
Hex	AC93B9
RGB	172, 147, 185
RGB Percent	67%, 58%, 73%
CMY	0.3255, 0.4235, 0.2745
CMYK	0.07, 0.21, 0.00, 0.27
HSL	279°, 21%, 65%
HSV	279°, 21%, 73%
XYZ	36.2039, 33.1409, 50.3876
YIQ	158.8070, 2.7020, 17.1180

Conversions

Conversions Part 2

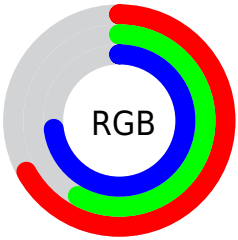
Format	Color
RYB	172, 147, 185
Decimal	11310009
CIELab	64.27, 16.43, -16.29
CIELCh	64, 23.141, 315.245
Yxy	33.1409, 0.3024, 0.2768
Android (android.graphics.Color)	4289500089 (0xFFAC93B9)
YUV	158.8070, 12.9131, 11.5703
Hunter-Lab	57.5681, 11.5124, -11.5971

Details

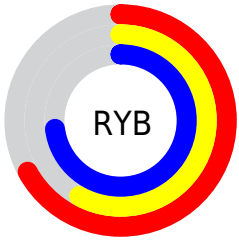
The RGB color 172, 147, 185 is a light color, and the websafe version is hex 9999CC. A complement of this color would be 160, 185, 147, and the grayscale version is 159, 159, 159.

A 20% lighter version of the original color is 228, 201, 241, and 119, 96, 132 is the 20% darker color. If you saturate the color by 10%, you get 166, 129, 185, and if you desaturate by 10%, it is 178, 165, 185.

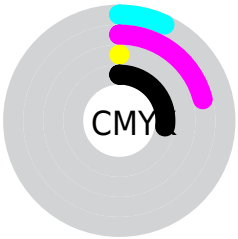
Distribution



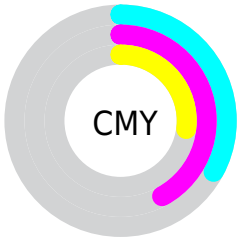
- Red (67%)
- Green (58%)
- Blue (73%)



- Red (67%)
- Yellow (58%)
- Blue (73%)



- Cyan (7%)
- Magenta (21%)
- Yellow (0%)
- Black (27%)



- Cyan (33%)
- Magenta (42%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 172, 147, 185 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, 147, 185 by changing the saturation by 10% instead.

172, 147, 185

255, 255, 255

228, 201, 241

255, 229, 255

172, 147, 185

145, 121, 158

119, 96, 132

94, 72, 107

70, 50, 82

48, 28, 59

27, 5, 37

0, 1, 15

0, 0, 0

172, 147, 185

172, 147, 185

166, 129, 185

159, 110, 185

153, 91, 185

147, 73, 185

140, 54, 185

134, 36, 185

128, 17, 185

122, 0, 185

178, 165, 185

185, 184, 185

191, 203, 185

197, 221, 185

204, 239, 185

210, 255, 185

216, 255, 185

223, 255, 185

229, 255, 185

Harmonies

Analogous

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

145, 154, 195

172, 147, 185

191, 142, 167

Triad

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

172, 147, 185

180, 151, 116

98, 167, 166

Complementary

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

172, 147, 185

160, 185, 147

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.

114, 167, 145

172, 147, 185

160, 158, 116

Square

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

172, 147, 185

194, 145, 127

137, 163, 126

98, 165, 184

Rectangle

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

172, 147, 185

197, 141, 153

137, 163, 126

102, 168, 159

Sweetspot

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

172, 147, 185

235, 225, 240

147, 160, 185

117, 111, 120

247, 247, 247

120, 120, 120

Same Dimension

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

172, 147, 185

219, 180, 240

185, 147, 179

89, 83, 92

102, 0, 156

18, 0, 28

Inverse Universe

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

185, 147, 160

240, 180, 200

147, 185, 153

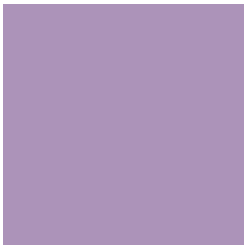
92, 83, 86

156, 0, 53

28, 0, 10

Previews

White Background

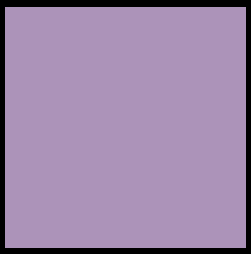


This preview shows how the RGB color 172, 147, 185 looks on a white background.

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



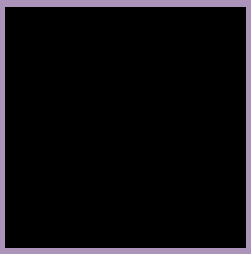
This preview shows how the RGB color 172, 147, 185 looks on a black background.

Color Contrast Check

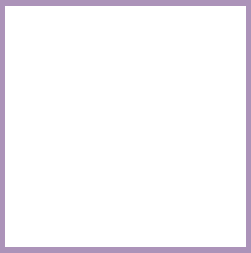
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RGB 172, 147, 185 Background



This preview shows how black text looks on a background with the RGB color 172, 147, 185.



This preview shows how white text looks on a background with the RGB color 172, 147, 185.

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

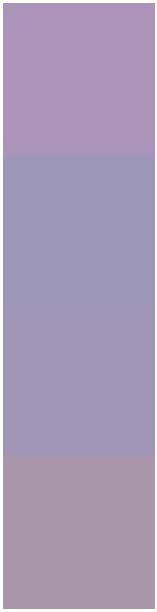
Original Color
172, 147, 185

Protanopia
148, 154, 190

Deuteranopia
157, 152, 184

Tritanopia
169, 151, 163

Trichromacy



Original Color
172, 147, 185

Protanomaly
157, 151, 188

Deuteranomaly
162, 150, 184

Tritanomaly
170, 150, 171

Monochromacy

Original Color
172, 147, 185

Achromatopsia
159, 159, 159

Achromatomaly
164, 155, 168

CSS Examples

Text

The CSS property to change the color of the text to RGB 172, 147, 185 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, 147, 185) looks like.

```
.text, #text, p{
    color:rgb(172, 147, 185)
}
```

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, 147, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 147, 185) }
```

Border

The CSS property to change the border of an element to RGB 172, 147, 185 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, 147, 185) }
```

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

```
.border{ border-color:rgb(172, 147, 185) }
```

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

Here you see how a box with a 4 pixel rgb(172, 147, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 147, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 147, 185); box-shadow:4px 4px 4px 4px rgb(172, 147, 185) }
```

Background

The CSS property to change the background color of an element to RGB 172, 147, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(172, 147, 185) }
```

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

```
.background{ background-color:rgb(172,
147, 185) }
```

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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