Converting Colors

RGB(186, 153, 204)

Have a look what the booklet for RGB(186, 153, 204) contains.

Color

RGB(186, 153, 204)

Conversions

Format	Color
Hex	BA99CC
RGB	186, 153, 204
RGB Percent	73%, 60%, 80%
CMY	0.2706, 0.4000, 0.2000
CMYK	0.09, 0.25, 0.00, 0.20
HSL	279°, 33%, 70%
HSV	279°, 25%, 80%
XYZ	42.5400, 37.5812, 62.1385
YIQ	168.6810, 3.2970, 22.8570

Conversions Part 1

Conversions

Conversions Part 2

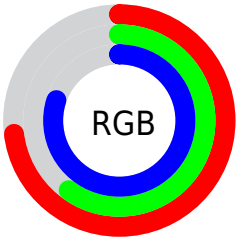
Format	Color
RYB	186, 153, 204
Decimal	12229068
CIELab	67.71, 21.64, -21.56
CIELCh	68, 30.551, 315.101
Yxy	37.5812, 0.2990, 0.2642
Android (android.graphics.Color)	4290419148 (0xFFBA99CC)
YUV	168.6810, 17.4123, 15.1888
Hunter-Lab	61.3035, 16.5844, -17.1851

Details

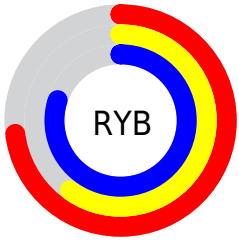
The RGB color 186, 153, 204 is a light color, and the websafe version is hex CC99CC. A complement of this color would be 171, 204, 153, and the grayscale version is 169, 169, 169.

A 20% lighter version of the original color is 242, 208, 255, and 132, 102, 150 is the 20% darker color. If you saturate the color by 10%, you get 179, 133, 204, and if you desaturate by 10%, it is 193, 173, 204.

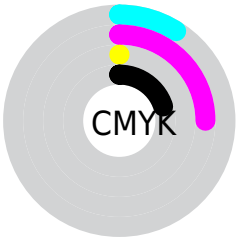
Distribution



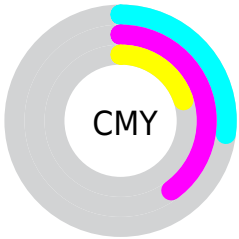
- Red (73%)
- Green (60%)
- Blue (80%)



- Red (73%)
- Yellow (60%)
- Blue (80%)



- Cyan (9%)
- Magenta (25%)
- Yellow (0%)
- Black (20%)



- Cyan (27%)
- Magenta (40%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 186, 153, 204 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 186, 153, 204 by changing the saturation by 10% instead.

186, 153, 204

255, 255, 255

242, 208, 255

255, 236, 255

186, 153, 204

159, 127, 176

132, 102, 150

107, 77, 124

82, 54, 99

58, 32, 75

35, 11, 52

10, 0, 31

0, 0, 1

0, 0, 0

186, 153, 204

179, 133, 204

172, 112, 204

164, 92, 204

157, 71, 204

150, 51, 204

143, 31, 204

136, 10, 204

132, 0, 204

186, 153, 204

193, 173, 204

200, 194, 204

208, 214, 204

215, 235, 204

222, 255, 204

229, 255, 204

236, 255, 204

244, 255, 204

251, 255, 204

Harmonies

Analogous

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

149, 163, 218

186, 153, 204

211, 146, 180

Triad

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

186, 153, 204

196, 159, 112

79, 180, 178

Complementary

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

186, 153, 204

171, 204, 153

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.

107, 179, 150

186, 153, 204

170, 168, 111

Square

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

186, 153, 204

214, 150, 127

139, 175, 125

77, 178, 203

Rectangle

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

186, 153, 204

219, 144, 161

139, 175, 125

87, 180, 169

Sweetspot

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

186, 153, 204

248, 235, 255

153, 172, 204

123, 115, 128

0, 0, 0

128, 128, 128

Same Dimension

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

186, 153, 204

228, 179, 255

204, 153, 197

98, 92, 102

107, 0, 166

25, 0, 38

Inverse Universe

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

204, 153, 171

255, 179, 206

153, 204, 160

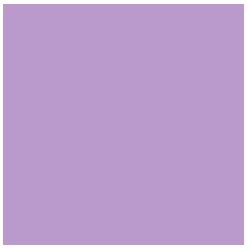
102, 92, 95

166, 0, 59

38, 0, 14

Previews

White Background

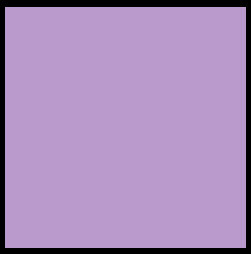


This preview shows how the RGB color 186, 153, 204 looks on a white background.

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



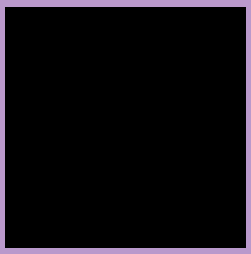
This preview shows how the RGB color 186, 153, 204 looks on a black background.

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 186, 153, 204 Background



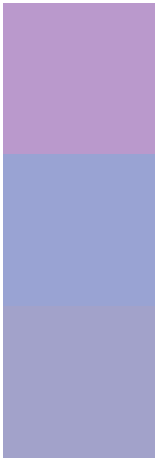
This preview shows how black text looks on a background with the RGB color 186, 153, 204.

This preview shows how white text looks on a background with the RGB color 186, 153, 204.

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



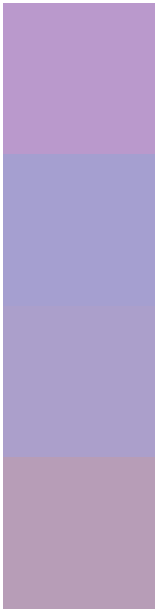
Original Color
186, 153, 204

Protanopia
153, 163, 211

Deuteranopia
162, 162, 202

Tritanopia
181, 159, 171

Trichromacy



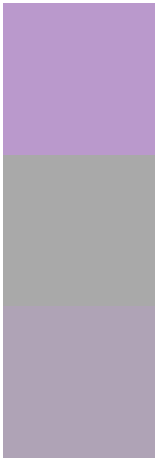
Original Color
186, 153, 204

Protanomaly
165, 159, 208

Deuteranomaly
171, 159, 203

Tritanomaly
183, 157, 183

Monochromacy



Original Color
186, 153, 204

Achromatopsia
169, 169, 169

Achromatomaly
175, 163, 182

CSS Examples

Text

The CSS property to change the color of the text to RGB 186, 153, 204 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(186, 153, 204) looks like.

```
.text, #text, p{
    color:rgb(186, 153, 204)
}
```

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(186, 153, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 153, 204) }
```

Border

The CSS property to change the border of an element to RGB 186, 153, 204 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(186, 153, 204) }
```

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

```
.border{ border-color:rgb(186, 153, 204) }
```

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

Here you see how a box with a 4 pixel rgb(186, 153, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 153, 204); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 153, 204); box-shadow:4px 4px 4px 4px rgb(186, 153, 204) }
```

Background

The CSS property to change the background color of an element to RGB 186, 153, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(186, 153, 204) }
```

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

```
.background{ background-color:rgb(186,
153, 204) }
```

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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