Converting Colors

RGB(187, 151, 231)

Have a look what the booklet for RGB(187, 151, 231) contains.

Color

RGB(187, 151, 231)

Conversions

Conversions Part 1

Format	Color
Hex	BB97E7
RGB	187, 151, 231
RGB Percent	73%, 59%, 91%
CMY	0.2667, 0.4078, 0.0941
CMYK	0.19, 0.35, 0.00, 0.09
HSL	267°, 62%, 75%
HSV	267°, 35%, 91%
XYZ	45.9839, 38.4675, 80.6027
YIQ	170.8840, -4.2240, 32.5120

Conversions

Conversions Part 2

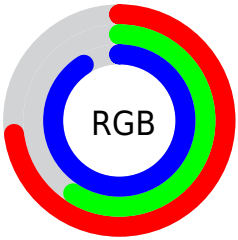
Format	Color
RYB	187, 151, 231
Decimal	12294119
CIELab	68.36, 28.88, -35.47
CIELCh	68, 45.739, 309.155
Yxy	38.4675, 0.2786, 0.2331
Android (android.graphics.Color)	4290484199 (0xFFBB97E7)
YUV	170.8840, 29.6372, 14.1337
Hunter-Lab	62.0222, 23.8030, -33.6364

Details

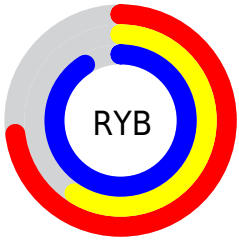
The RGB color 187, 151, 231 is a light color, and the websafe version is hex CC99FF. A complement of this color would be 195, 231, 151, and the grayscale version is 171, 171, 171.

A 20% lighter version of the original color is 244, 206, 255, and 132, 100, 175 is the 20% darker color. If you saturate the color by 10%, you get 174, 128, 231, and if you desaturate by 10%, it is 200, 174, 231.

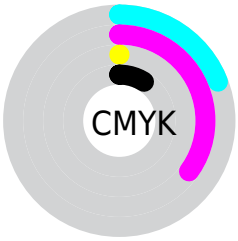
Distribution



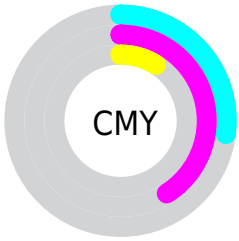
- Red (73%)
- Green (59%)
- Blue (91%)



- Red (73%)
- Yellow (59%)
- Blue (91%)



- Cyan (19%)
- Magenta (35%)
- Yellow (0%)
- Black (9%)



- Cyan (27%)
- Magenta (41%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 187, 151, 231 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 187, 151, 231 by changing the saturation by 10% instead.

187, 151, 231

255, 255, 255

244, 206, 255

255, 234, 255

187, 151, 231

159, 125, 203

132, 100, 175

106, 75, 148

81, 52, 122

56, 30, 97

31, 8, 73

8, 0, 50

0, 1, 28

0, 0, 0

187, 151, 231

174, 128, 231

162, 105, 231

149, 82, 231

136, 59, 231

123, 35, 231

111, 12, 231

104, 0, 231

187, 151, 231

200, 174, 231

212, 197, 231

225, 220, 231

238, 243, 231

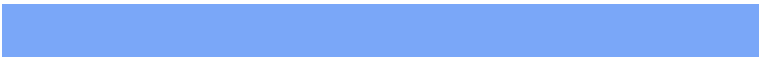
251, 255, 231

255, 255, 231

Harmonies

Analogous

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



122, 167, 248

187, 151, 231

228, 137, 197

Triad

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

187, 151, 231

216, 154, 89

0, 188, 178

Complementary

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

187, 151, 231

195, 231, 151

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.

78, 186, 136

187, 151, 231

180, 168, 83

Square

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

187, 151, 231

240, 140, 117

135, 179, 101

0, 186, 218

Rectangle

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

187, 151, 231

242, 133, 170

135, 179, 101

0, 188, 164

Sweetspot

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

187, 151, 231

241, 230, 255

151, 195, 231

119, 112, 128

0, 0, 0

128, 128, 128

Same Dimension

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

187, 151, 231

196, 148, 255

227, 151, 231

108, 103, 115

80, 0, 179

23, 0, 51

Inverse Universe

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

231, 151, 195

255, 148, 207

155, 231, 151

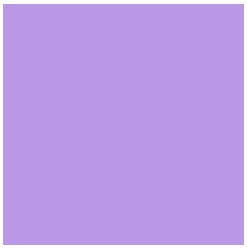
115, 103, 110

179, 0, 98

51, 0, 28

Previews

White Background

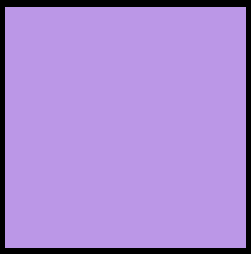


This preview shows how the RGB color 187, 151, 231 looks on a white background.

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



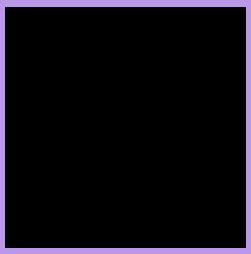
This preview shows how the RGB color 187, 151, 231 looks on a black background.

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 187, 151, 231 Background



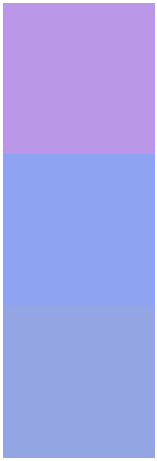
This preview shows how black text looks on a background with the RGB color 187, 151, 231.

This preview shows how white text looks on a background with the RGB color 187, 151, 231.

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



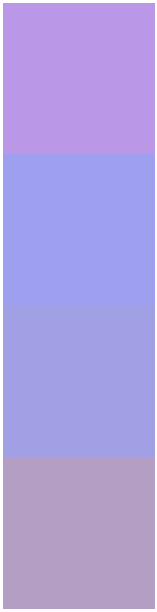
Original Color
187, 151, 231

Protanopia
142, 164, 242

Deuteranopia
148, 165, 228

Tritanopia
177, 162, 175

Trichromacy



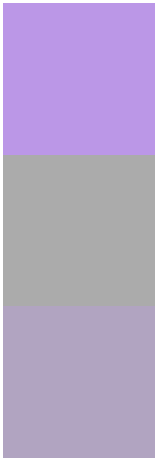
Original Color
187, 151, 231

Protanomaly
158, 159, 238

Deuteranomaly
162, 160, 229

Tritanomaly
181, 158, 195

Monochromacy



Original Color
187, 151, 231

Achromatopsia
171, 171, 171

Achromatomaly
177, 164, 193

CSS Examples

Text

The CSS property to change the color of the text to RGB 187, 151, 231 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(187, 151, 231) looks like.

```
.text, #text, p{
    color:rgb(187, 151, 231)
}
```

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(187, 151, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 151, 231) }
```

Border

The CSS property to change the border of an element to RGB 187, 151, 231 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(187, 151, 231) }
```

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

```
.border{ border-color:rgb(187, 151, 231) }
```

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

Here you see how a box with a 4 pixel rgb(187, 151, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 151, 231); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 151, 231); box-shadow:4px 4px 4px 4px rgb(187, 151, 231) }
```

Background

The CSS property to change the background color of an element to RGB 187, 151, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(187, 151, 231) }
```

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

```
.background{ background-color:rgb(187,
151, 231) }
```

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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