Converting Colors

RGB(187, 125, 221)

Have a look what the booklet for RGB(187, 125, 221) contains.

Color

RGB(187, 125, 221)

Conversions

Format	Color
Hex	BB7DDD
RGB	187, 125, 221
RGB Percent	73%, 49%, 87%
CMY	0.2667, 0.5098, 0.1333
CMYK	0.15, 0.43, 0.00, 0.13
HSL	279°, 59%, 68%
HSV	279°, 43%, 87%
XYZ	40.8783, 30.4525, 72.1300
YIQ	154.4820, 6.1360, 43.0000

Conversions Part 1

Conversions

Conversions Part 2

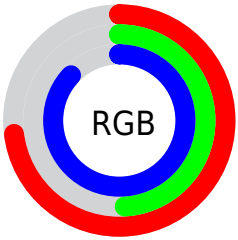
Format	Color
RYB	187, 125, 221
Decimal	12287453
CIELab	62.04, 41.03, -39.79
CIELCh	62, 57.153, 315.876
Yxy	30.4525, 0.2849, 0.2123
Android (android.graphics.Color)	4290477533 (0xFFBB7DDD)
YUV	154.4820, 32.7934, 28.5183
Hunter-Lab	55.1838, 35.6552, -38.8686

Details

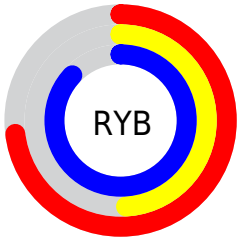
The RGB color 187, 125, 221 is a light color, and the websafe version is hex CC99FF. A complement of this color would be 159, 221, 125, and the grayscale version is 154, 154, 154.

A 20% lighter version of the original color is 245, 179, 255, and 132, 74, 165 is the 20% darker color. If you saturate the color by 10%, you get 179, 103, 221, and if you desaturate by 10%, it is 195, 147, 221.

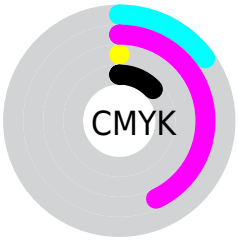
Distribution



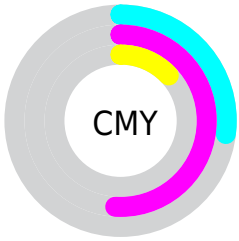
- Red (73%)
- Green (49%)
- Blue (87%)



- Red (73%)
- Yellow (49%)
- Blue (87%)



- Cyan (15%)
- Magenta (43%)
- Yellow (0%)
- Black (13%)



- Cyan (27%)
- Magenta (51%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 187, 125, 221 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, 125, 221 by changing the saturation by 10% instead.

187, 125, 221

255, 255, 255

245, 179, 255

255, 207, 255

255, 235, 255

187, 125, 221

159, 99, 193

132, 74, 165

105, 49, 139

79, 24, 113

54, 0, 88

31, 0, 64

0, 0, 41

0, 1, 19

0, 0, 0

187, 125, 221

179, 103, 221

171, 81, 221

164, 59, 221

156, 37, 221

148, 14, 221

143, 0, 221

187, 125, 221

195, 147, 221

203, 169, 221

210, 191, 221

218, 213, 221

226, 236, 221

234, 255, 221

242, 255, 221

250, 255, 221

255, 255, 221

Harmonies

Analogous

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

106, 146, 248

187, 125, 221

230, 107, 176

Triad

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

187, 125, 221

197, 139, 46

0, 175, 176

Complementary

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

187, 125, 221

159, 221, 125

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.

0, 173, 123

187, 125, 221

151, 156, 43

Square

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

187, 125, 221

230, 119, 79

93, 167, 75

0, 171, 222

Rectangle

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

187, 125, 221

242, 103, 142

93, 167, 75

0, 174, 159

Sweetspot

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

187, 125, 221

243, 222, 255

125, 160, 221

120, 107, 128

0, 0, 0

128, 128, 128

Same Dimension

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

187, 125, 221

208, 122, 255

221, 125, 208

106, 99, 110

112, 0, 173

30, 0, 46

Inverse Universe

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

221, 125, 159

255, 122, 169

125, 221, 138

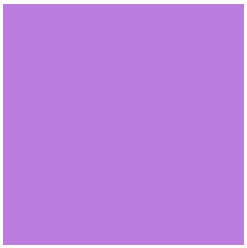
110, 99, 103

173, 0, 61

46, 0, 16

Previews

White Background

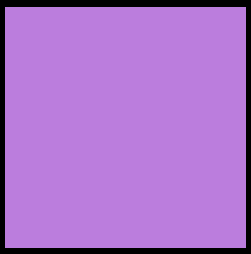


This preview shows how the RGB color 187, 125, 221 looks on a white background.

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



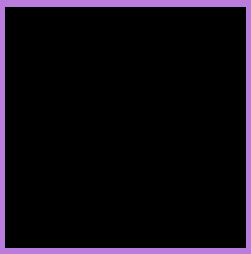
This preview shows how the RGB color 187, 125, 221 looks on a black background.

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, 125, 221 Background



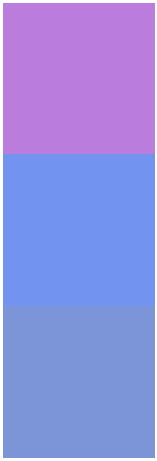
This preview shows how black text looks on a background with the RGB color 187, 125, 221.

This preview shows how white text looks on a background with the RGB color 187, 125, 221.

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



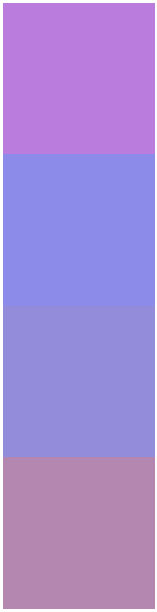
Original Color
187, 125, 221

Protanopia
115, 147, 240

Deuteranopia
124, 149, 216

Tritanopia
176, 141, 151

Trichromacy



Original Color
187, 125, 221

Protanomaly
141, 139, 233

Deuteranomaly
147, 140, 218

Tritanomaly
180, 135, 176

Monochromacy

Original Color
187, 125, 221

Achromatopsia
154, 154, 154

Achromatomaly
166, 143, 178

CSS Examples

Text

The CSS property to change the color of the text to RGB 187, 125, 221 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, 125, 221) looks like.

```
.text, #text, p{
    color:rgb(187, 125, 221)
}
```

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, 125, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 125, 221) }
```

Border

The CSS property to change the border of an element to RGB 187, 125, 221 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, 125, 221) }
```

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

```
.border{ border-color:rgb(187, 125, 221) }
```

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

Here you see how a box with a 4 pixel rgb(187, 125, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 125, 221); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 125, 221); box-shadow:4px 4px 4px 4px rgb(187, 125, 221) }
```

Background

The CSS property to change the background color of an element to RGB 187, 125, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(187, 125, 221) }
```

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

```
.background{ background-color:rgb(187,
125, 221) }
```

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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