

Converting Colors

RGB(187, 155, 229)

Have a look what the booklet for
RGB(187, 155, 229) contains.

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Color

RGB(187, 155, 229)

Conversions

Conversions Part 1

Format	Color
Hex	BB9BE5
RGB	187, 155, 229
RGB Percent	73%, 61%, 90%
CMY	0.2667, 0.3922, 0.1020
CMYK	0.18, 0.32, 0.00, 0.10
HSL	266°, 59%, 75%
HSV	266°, 32%, 90%
XYZ	46.3577, 39.6646, 79.3415
YIQ	173.0040, -4.6820, 29.7980

Conversions

Conversions Part 2

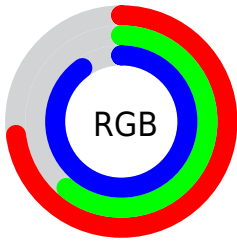
Format	Color
RYB	187, 155, 229
Decimal	12295141
CIELab	69.23, 26.21, -33.03
CIELCh	69, 42.161, 308.434
Yxy	39.6646, 0.2803, 0.2399
Android (android.graphics.Color)	4290485221 (0xFFBB9BE5)
YUV	173.0040, 27.6060, 12.2745
Hunter-Lab	62.9799, 21.1741, -30.6071

Details

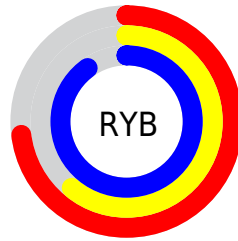
The RGB color **187, 155, 229** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **197, 229, 155**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **244, 210, 255**, and **133, 103, 173** is the 20% darker color. If you saturate the color by 10%, you get **174, 132, 229**, and if you desaturate by 10%, it is **200, 178, 229**.

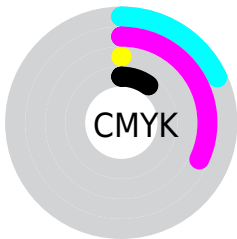
Distribution



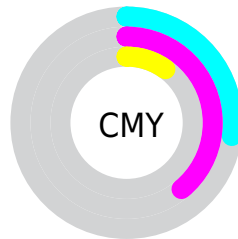
- Red (73%)
- Green (61%)
- Blue (90%)



- Red (73%)
- Yellow (61%)
- Blue (90%)



- Cyan (18%)
- Magenta (32%)
- Yellow (0%)
- Black (10%)




- Cyan (27%)
- Magenta (39%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RGB color 187, 155, 229 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, 155, 229 by changing the saturation by 10% instead.


 187, 155, 229

255, 255, 255

 244, 210, 255

 255, 238, 255

 187, 155, 229

 159, 129, 201

 133, 103, 173

 107, 79, 146

 81, 56, 120

 56, 34, 95

 32, 12, 71


 13, 0, 49


 0, 1, 27


 0, 0, 0

 187, 155, 229


 187, 155, 229

 174, 132, 229


 200, 178, 229

 161, 109, 229

 213, 201, 229

 148, 86, 229

 226, 224, 229

 135, 63, 229

 239, 247, 229

 122, 40, 229

 252, 255, 229

 109, 18, 229

 255, 255, 229

 99, 0, 229

Harmonies

Analogous

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



129, 169, 244



187, 155, 229



225, 143, 198

Triad

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



187, 155, 229



216, 157, 98



0, 189, 179

Complementary

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



187, 155, 229



197, 229, 155

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.



92, 187, 140



187, 155, 229



183, 170, 92

Square

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



187, 155, 229



238, 145, 123



141, 181, 108



0, 187, 215

Rectangle

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



187, 155, 229



239, 139, 173



141, 181, 108



46, 189, 166

Sweetspot

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



187, 155, 229



241, 230, 255



155, 198, 229



119, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

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



187, 155, 229



199, 156, 255



223, 155, 229



108, 103, 115



77, 0, 179



22, 0, 51

Inverse Universe

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



229, 155, 197



255, 156, 212



161, 229, 155



115, 103, 110



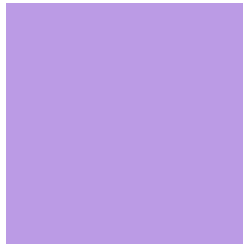
179, 0, 101



51, 0, 29

Previews

White Background



This preview shows how the RGB color 187, 155, 229 looks on a white background.

Color Contrast Check

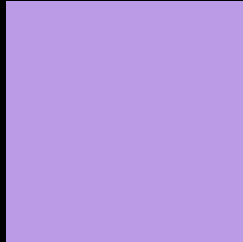
Large Text (above 18pt) WCAG AA × Fail

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, 155, 229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

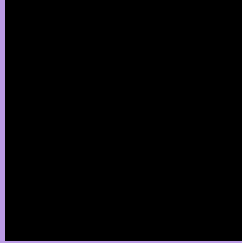
Any Text WCAG AA ✓ Pass

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, 155, 229 Background



This preview shows how black text looks on a background with the RGB color 187, 155, 229.

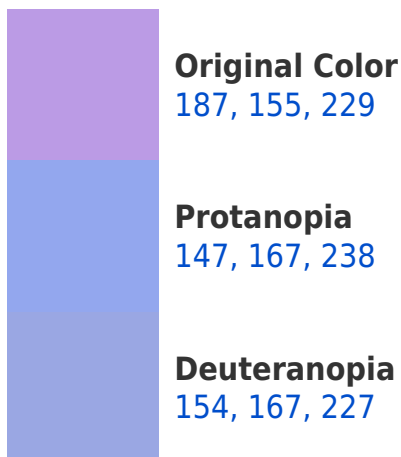



This preview shows how white text looks on a background with the RGB color 187, 155, 229.

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





Tritanopia
178, 165, 178

Trichromacy



Original Color
187, 155, 229

Protanomaly
162, 163, 235

Deuteranomaly
166, 163, 228

Tritanomaly
181, 161, 197

Monochromacy



Original Color
187, 155, 229

Achromatopsia
173, 173, 173

Achromatomaly
178, 166, 193

CSS Examples

Text

The CSS property to change the color of the text to RGB 187, 155, 229 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, 155, 229)` looks like.

```
.text, #text, p{  
    color:rgb(187, 155, 229)  
}
```

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, 155, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 155, 229) }
```

Border

The CSS property to change the border of an element to RGB 187, 155, 229 is called "border". The border property can be set on classes, ids or directly on the HTML element.

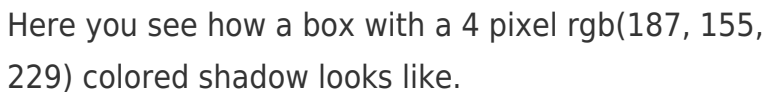
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 155, 229) }
```

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

```
.border{ border-color:rgb(187, 155, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 155, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 155, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 155, 229); box-shadow:4px 4px 4px 4px rgb(187, 155, 229) }
```

Background

The CSS property to change the background color of an element to RGB 187, 155, 229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 155, 229) }
```

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

```
.background{ background-color: rgb(187,  
155, 229) }
```

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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