

Converting Colors

RGB(187, 159, 214)

Have a look what the booklet for
RGB(187, 159, 214) contains.

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Color

RGB(187, 159, 214)

Conversions

Conversions Part 1

Format	Color
Hex	BB9FD6
RGB	187, 159, 214
RGB Percent	73%, 62%, 84%
CMY	0.2667, 0.3765, 0.1608
CMYK	0.13, 0.26, 0.00, 0.16
HSL	271°, 40%, 73%
HSV	271°, 26%, 84%
XYZ	45.0293, 40.2161, 69.0075
YIQ	173.6420, -0.9670, 23.0410

Conversions

Conversions Part 2

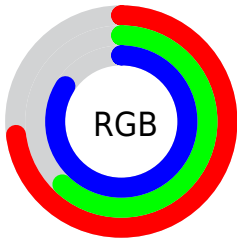
Format	Color
RYB	187, 159, 214
Decimal	12296150
CIELab	69.62, 20.72, -24.17
CIELCh	70, 31.832, 310.603
Yxy	40.2161, 0.2919, 0.2607
Android (android.graphics.Color)	4290486230 (0xFFBB9FD6)
YUV	173.6420, 19.8965, 11.7150
Hunter-Lab	63.4162, 15.7673, -20.1262

Details

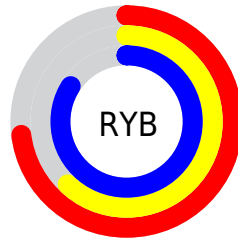
The RGB color **187, 159, 214** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **186, 214, 159**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **244, 214, 255**, and **133, 107, 159** is the 20% darker color. If you saturate the color by 10%, you get **176, 138, 214**, and if you desaturate by 10%, it is **198, 180, 214**.

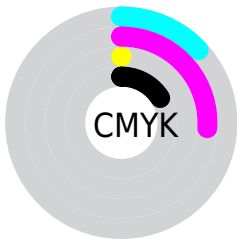
Distribution



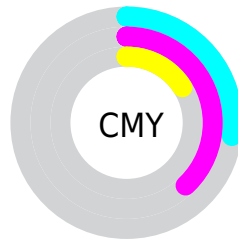
- Red (73%)
- Green (62%)
- Blue (84%)



- Red (73%)
- Yellow (62%)
- Blue (84%)



- Cyan (13%)
- Magenta (26%)
- Yellow (0%)
- Black (16%)



- Cyan (27%)
- Magenta (38%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the RGB color 187, 159, 214 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, 159, 214 by changing the saturation by 10% instead.

 187, 159, 214

 187, 159, 214

255, 255, 255

 160, 133, 186

 244, 214, 255

 133, 107, 159

 255, 242, 255

 108, 83, 133

 83, 60, 107


 59, 37, 83


 36, 17, 60


 18, 0, 38


 0, 1, 15

 0, 0, 0

 187, 159, 214

 187, 159, 214

 176, 138, 214


 198, 180, 214

 166, 116, 214

 208, 202, 214

 155, 95, 214


 219, 223, 214

 145, 73, 214


 229, 245, 214

 134, 52, 214

 240, 255, 214

 124, 31, 214

 250, 255, 214

 113, 9, 214

 255, 255, 214

 109, 0, 214

Harmonies

Analogous

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



147, 169, 226



187, 159, 214



215, 151, 190

Triad

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



187, 159, 214



206, 162, 116



83, 186, 180

Complementary

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



187, 159, 214



186, 214, 159

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, 184, 150



187, 159, 214



180, 172, 113

Square

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



187, 159, 214



223, 153, 134



148, 179, 125



74, 184, 207

Rectangle

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



187, 159, 214



225, 148, 171



148, 179, 125



92, 186, 170

Sweetspot

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



187, 159, 214



245, 235, 255



159, 187, 214



121, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



187, 159, 214



216, 176, 255



214, 159, 214



102, 96, 107



87, 0, 171



22, 0, 43

Inverse Universe

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



214, 159, 186



255, 176, 215



159, 214, 159



107, 96, 102



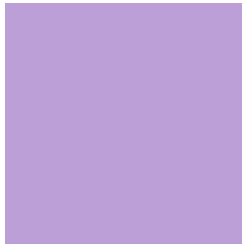
171, 0, 84



43, 0, 21

Previews

White Background



This preview shows how the RGB color 187, 159, 214 looks on a white background.

Color Contrast Check

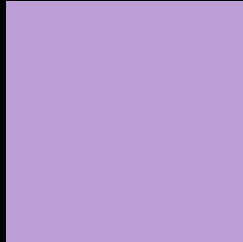
Large Text (above 18pt) WCAG AA × Fail

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, 159, 214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

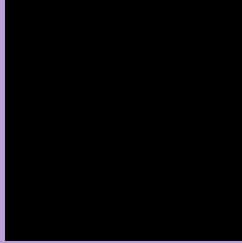
Any Text WCAG AA ✓ Pass

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, 159, 214 Background



This preview shows how black text looks on a background with the RGB color 187, 159, 214.



This preview shows how white text looks on a background with the RGB color 187, 159, 214.

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, 159, 214

Protanopia
156, 168, 221

Deuteranopia
165, 167, 212



Tritanopia
181, 166, 179

Trichromacy



Original Color
187, 159, 214

Protanomaly
167, 165, 218

Deuteranomaly
173, 164, 213

Tritanomaly
183, 163, 192

Monochromacy



Original Color
187, 159, 214

Achromatopsia
174, 174, 174

Achromatomaly
179, 169, 189

CSS Examples

Text

The CSS property to change the color of the text to RGB 187, 159, 214 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, 159, 214)` looks like.

```
.text, #text, p{  
    color:rgb(187, 159, 214)  
}
```

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, 159, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 159, 214) }
```

Border

The CSS property to change the border of an element to RGB 187, 159, 214 is called "border". The border property can be set on classes, ids or directly on the HTML element.

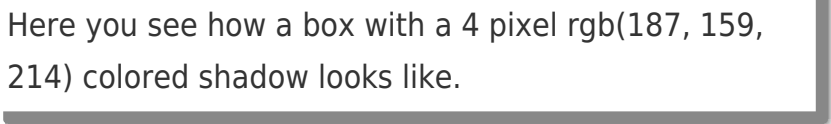
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 159, 214) }
```

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

```
.border{ border-color:rgb(187, 159, 214) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 159, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 159, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 159, 214);  
box-shadow:4px 4px 4px 4px rgb(187, 159,  
214) }
```

Background

The CSS property to change the background color of an element to RGB 187, 159, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 159, 214) }
```

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

```
.background{ background-color: rgb(187,  
159, 214) }
```

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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