

Converting Colors

RGB(189, 129, 170)

Have a look what the booklet for
RGB(189, 129, 170) contains.

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Color

RGB(189, 129, 170)

Conversions

Conversions Part 1

Format	Color
Hex	BD81AA
RGB	189, 129, 170
RGB Percent	74%, 51%, 67%
CMY	0.2588, 0.4941, 0.3333
CMYK	0.00, 0.32, 0.10, 0.26
HSL	319°, 31%, 62%
HSV	319°, 32%, 74%
XYZ	36.0922, 29.4216, 41.8069
YIQ	151.6140, 22.5990, 25.4710

Conversions

Conversions Part 2

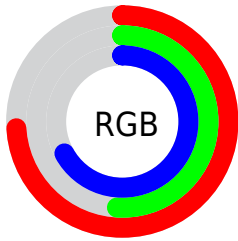
Format	Color
RYB	189, 129, 170
Decimal	12419498
CIELab	61.15, 29.52, -12.34
CIElCh	61, 31.998, 337.308
Yxy	29.4216, 0.3363, 0.2741
Android (android.graphics.Color)	4290609578 (0xFFBD81AA)
YUV	151.6140, 9.0643, 32.7875
Hunter-Lab	54.2417, 23.8503, -7.7287

Details

The RGB color **189, 129, 170** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **129, 189, 148**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **246, 183, 225**, and **135, 79, 118** is the 20% darker color. If you saturate the color by 10%, you get **189, 110, 164**, and if you desaturate by 10%, it is **189, 148, 176**.

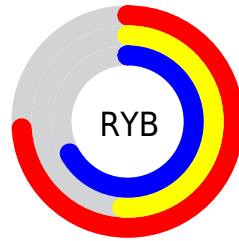
Distribution



Red (74%)

Green (51%)

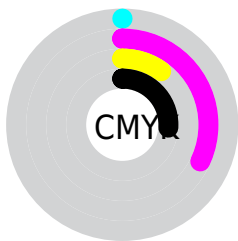
Blue (67%)



Red (74%)

Yellow (51%)

Blue (67%)

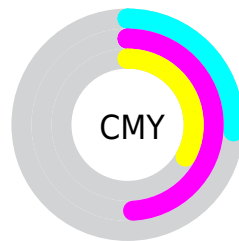


Cyan (0%)

Magenta (32%)

Yellow (10%)

Black (26%)



Cyan (26%)

Magenta (49%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 189, 129, 170 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 189, 129, 170 by changing the saturation by 10% instead.

 189, 129, 170


255, 255, 255

 246, 183, 225

 255, 210, 254


 255, 239, 255

 189, 129, 170

 161, 103, 143

 135, 79, 118

 109, 55, 93

 83, 31, 69


 59, 7, 47

 39, 0, 27

 0, 0, 0

 189, 129, 170

 189, 110, 164

 189, 129, 170


 189, 148, 176

 189, 91, 158

 189, 167, 182

 189, 72, 152


 189, 186, 188

 189, 53, 146

 189, 205, 194

 189, 35, 140

 189, 224, 200

 189, 16, 134

 189, 242, 206

 189, 0, 129

 189, 255, 212

 189, 255, 218

 189, 255, 224

Harmonies

Analogous

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



160, 138, 193



189, 129, 170



202, 126, 142

Triad

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



189, 129, 170



160, 148, 91



40, 161, 181

Complementary

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



189, 129, 170



129, 189, 148

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.



59, 163, 154



189, 129, 170



129, 156, 102

Square

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



189, 129, 170



185, 138, 96



95, 161, 125



72, 156, 199

Rectangle

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



189, 129, 170



203, 128, 123



95, 161, 125



41, 162, 173

Sweetspot

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



189, 129, 170



245, 220, 237



148, 129, 189



122, 108, 118



250, 250, 250



122, 122, 122

Same Dimension

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



189, 129, 170



245, 152, 215



189, 129, 140



94, 85, 91



158, 0, 108



31, 0, 21

Inverse Universe

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



189, 129, 170



245, 152, 215



129, 189, 178



94, 85, 91



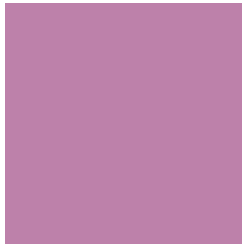
158, 0, 108



31, 0, 21

Previews

White Background



This preview shows how the RGB color 189, 129, 170 looks on a white background.

Color Contrast Check

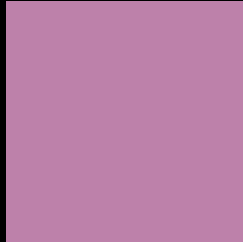
Large Text (above 18pt) WCAG AA ✓ Pass

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 189, 129, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

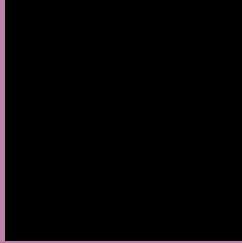
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 189, 129, 170 Background



This preview shows how black text looks on a background with the RGB color 189, 129, 170.

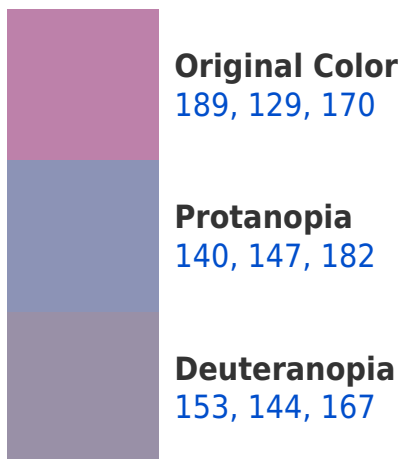



This preview shows how white text looks on a background with the RGB color 189, 129, 170.

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
186, 134, 144

Trichromacy



Original Color
189, 129, 170

Protanomaly
158, 140, 178

Deuteranomaly
166, 139, 168

Tritanomaly
187, 132, 153

Monochromacy



Original Color
189, 129, 170

Achromatopsia
152, 152, 152

Achromatomaly
165, 144, 159

CSS Examples

Text

The CSS property to change the color of the text to RGB 189, 129, 170 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(189, 129, 170)` looks like.

```
.text, #text, p{  
    color:rgb(189, 129, 170)  
}
```

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(189, 129, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 129, 170) }
```

Border

The CSS property to change the border of an element to RGB 189, 129, 170 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(189, 129, 170) }
```

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

```
.border{ border-color:rgb(189, 129, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 129, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 129, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 129, 170);  
box-shadow:4px 4px 4px 4px rgb(189, 129,  
170) }
```

Background

The CSS property to change the background color of an element to RGB 189, 129, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 129, 170) }
```

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

```
.background{ background-color: rgb(189,  
129, 170) }
```

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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