

Converting Colors

RGB(186, 161, 189)

Have a look what the booklet for
RGB(186, 161, 189) contains.

RGB(186, 161, 189)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(186, 161, 189)

Conversions

Conversions Part 1

Format	Color
Hex	BAA1BD
RGB	186, 161, 189
RGB Percent	73%, 63%, 74%
CMY	0.2706, 0.3686, 0.2588
CMYK	0.02, 0.15, 0.00, 0.26
HSL	294°, 18%, 69%
HSV	294°, 15%, 74%
XYZ	42.1799, 39.6030, 53.5651
YIQ	171.6670, 5.9120, 14.0080

Conversions

Conversions Part 2

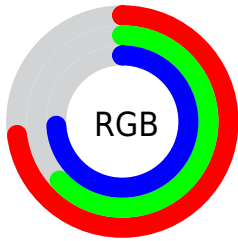
Format	Color
RYB	186, 161, 189
Decimal	12231101
CIELab	69.19, 14.20, -11.01
CIELCh	69, 17.970, 322.209
Yxy	39.6030, 0.3116, 0.2926
Android (android.graphics.Color)	4290421181 (0xFFBAA1BD)
YUV	171.6670, 8.5452, 12.5700
Hunter-Lab	62.9309, 9.5119, -6.4145

Details

The RGB color **186, 161, 189** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **164, 189, 161**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **242, 216, 245**, and **133, 109, 136** is the 20% darker color. If you saturate the color by 10%, you get **184, 142, 189**, and if you desaturate by 10%, it is **188, 180, 189**.

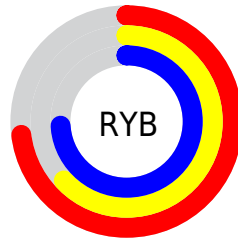
Distribution



Red (73%)

Green (63%)

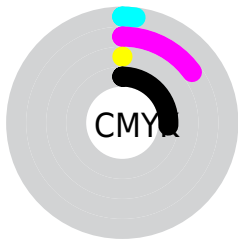
Blue (74%)



Red (73%)

Yellow (63%)

Blue (74%)

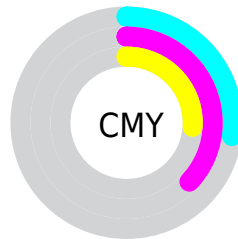


Cyan (2%)

Magenta (15%)

Yellow (0%)

Black (26%)



Cyan (27%)

Magenta (37%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RGB color 186, 161, 189 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 186, 161, 189 by changing the saturation by 10% instead.

 186, 161, 189

255, 255, 255

 242, 216, 245

 255, 244, 255


 186, 161, 189

 159, 135, 162

 133, 109, 136

 107, 85, 110

 83, 62, 86

 60, 40, 63


 37, 19, 41

 16, 0, 21


 0, 0, 0


 186, 161, 189


 186, 161, 189

 184, 142, 189


 188, 180, 189

 182, 123, 189


 190, 199, 189

 180, 104, 189


 192, 218, 189

 178, 85, 189


 194, 237, 189

 176, 66, 189


 196, 255, 189

 174, 48, 189

 198, 255, 189

 172, 29, 189

 200, 255, 189

 170, 10, 189

 202, 255, 189

 169, 0, 189

 204, 255, 189

Harmonies

Analogous

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



166, 166, 199



186, 161, 189



199, 158, 174

Triad

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



186, 161, 189



186, 166, 137



125, 178, 181

Complementary

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



186, 161, 189



164, 189, 161

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.



134, 178, 164



186, 161, 189



169, 172, 139

Square

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



186, 161, 189



198, 161, 144



150, 176, 149



129, 176, 194

Rectangle

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



186, 161, 189



203, 158, 163



150, 176, 149



127, 178, 175

Sweetspot

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



186, 161, 189



244, 235, 245



161, 164, 189



122, 116, 122



250, 250, 250



122, 122, 122

Same Dimension

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



186, 161, 189



240, 201, 245



189, 161, 178



93, 85, 94



141, 0, 158



27, 0, 31

Inverse Universe

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



189, 161, 164



245, 201, 205



161, 189, 172



94, 85, 86



158, 0, 17



31, 0, 3

Previews

White Background



This preview shows how the RGB color 186, 161, 189 looks on a white background.

Color Contrast Check

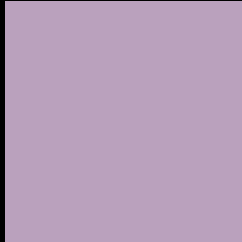
Large Text (above 18pt) WCAG AA × Fail

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 186, 161, 189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

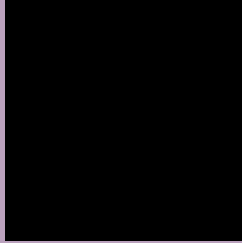
Any Text WCAG AA ✓ Pass

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 186, 161, 189 Background



This preview shows how black text looks on a background with the RGB color 186, 161, 189.



This preview shows how white text looks on a background with the RGB color 186, 161, 189.

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
186, 161, 189

Protanopia
165, 168, 193

Deuteranopia
176, 164, 188



Tritanopia
184, 163, 176

Trichromacy



Original Color
186, 161, 189

Protanomaly
173, 165, 192

Deuteranomaly
180, 163, 188

Tritanomaly
185, 162, 181

Monochromacy



Original Color
186, 161, 189

Achromatopsia
172, 172, 172

Achromatomaly
177, 168, 178

CSS Examples

Text

The CSS property to change the color of the text to RGB 186, 161, 189 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(186, 161, 189)` looks like.

```
.text, #text, p{  
    color:rgb(186, 161, 189)  
}
```

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(186, 161, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 161, 189) }
```

Border

The CSS property to change the border of an element to RGB 186, 161, 189 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(186, 161, 189) }
```

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

```
.border{ border-color:rgb(186, 161, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 161, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 161, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 161, 189);  
box-shadow:4px 4px 4px 4px rgb(186, 161,  
189) }
```

Background

The CSS property to change the background color of an element to RGB 186, 161, 189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 161, 189) }
```

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

```
.background{ background-color: rgb(186,  
161, 189) }
```

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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