

Converting Colors

RGB(187, 164, 202)

Have a look what the booklet for
RGB(187, 164, 202) contains.

RGB(187, 164, 202)	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(187, 164, 202)

Conversions

Conversions Part 1

Format	Color
Hex	BBA4CA
RGB	187, 164, 202
RGB Percent	73%, 64%, 79%
CMY	0.2667, 0.3569, 0.2078
CMYK	0.07, 0.19, 0.00, 0.21
HSL	276°, 26%, 72%
HSV	276°, 19%, 79%
XYZ	44.4296, 41.3800, 61.5226
YIQ	175.2090, 1.5100, 16.6940

Conversions

Conversions Part 2

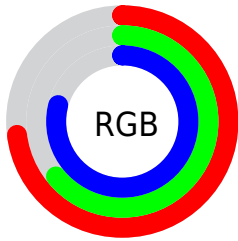
Format	Color
RYB	187, 164, 202
Decimal	12297418
CIELab	70.44, 15.45, -16.31
CIELCh	70, 22.466, 313.459
Yxy	41.3800, 0.3016, 0.2809
Android (android.graphics.Color)	4290487498 (0xFFBBA4CA)
YUV	175.2090, 13.2080, 10.3407
Hunter-Lab	64.3273, 10.7139, -11.6758

Details

The RGB color **187, 164, 202** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **179, 202, 164**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **243, 219, 255**, and **134, 112, 148** is the 20% darker color. If you saturate the color by 10%, you get **179, 144, 202**, and if you desaturate by 10%, it is **195, 184, 202**.

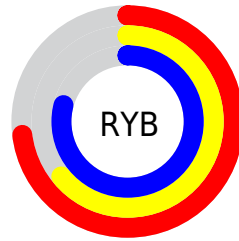
Distribution



Red (73%)

Green (64%)

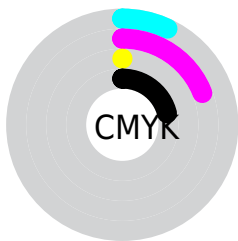
Blue (79%)



Red (73%)

Yellow (64%)

Blue (79%)

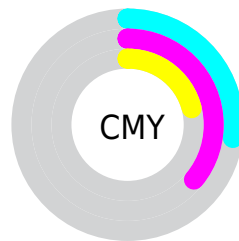


Cyan (7%)

Magenta (19%)

Yellow (0%)

Black (21%)



Cyan (27%)

Magenta (36%)

Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the RGB color 187, 164, 202 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, 164, 202 by changing the saturation by 10% instead.


 187, 164, 202

 187, 164, 202

255, 255, 255

 160, 138, 175

 243, 219, 255

 134, 112, 148

 255, 248, 255

 108, 88, 122


 84, 64, 97


 60, 42, 73

 38, 21, 51

 20, 0, 30

 0, 0, 0

 187, 164, 202

 187, 164, 202

179, 144, 202

195, 184, 202

171, 124, 202

203, 204, 202

163, 103, 202

211, 225, 202

155, 83, 202

219, 245, 202

147, 63, 202

227, 255, 202

139, 43, 202

235, 255, 202

131, 23, 202

243, 255, 202

123, 2, 202

251, 255, 202

122, 0, 202

255, 255, 202

Harmonies

Analogous

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



161, 171, 212



187, 164, 202



206, 159, 184

Triad

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



187, 164, 202



198, 167, 134



117, 184, 181

Complementary

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



187, 164, 202



179, 202, 164

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.



133, 183, 160



187, 164, 202



178, 174, 132

Square

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



187, 164, 202



211, 161, 145



155, 180, 142



117, 182, 200

Rectangle

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



187, 164, 202



213, 158, 171



155, 180, 142



121, 184, 174

Sweetspot

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



187, 164, 202



249, 240, 255



164, 179, 202



124, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



187, 164, 202



232, 196, 255



202, 164, 198



98, 92, 102



100, 0, 166



23, 0, 38

Inverse Universe

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



202, 164, 179



255, 196, 220



164, 202, 168



102, 92, 96



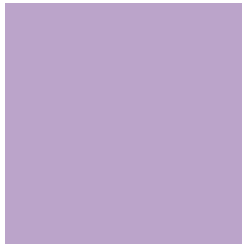
166, 0, 65



38, 0, 15

Previews

White Background



This preview shows how the RGB color 187, 164, 202 looks on a white background.

Color Contrast Check

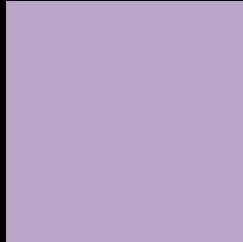
Large Text (above 18pt) WCAG AA × Fail

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, 164, 202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

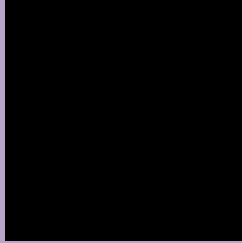
Any Text WCAG AA ✓ Pass

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, 164, 202 Background



This preview shows how black text looks on a background with the RGB color 187, 164, 202.



This preview shows how white text looks on a background with the RGB color 187, 164, 202.

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, 164, 202](#)

Protanopia
[165, 171, 207](#)

Deuteranopia
[175, 168, 201](#)



Tritanopia
184, 168, 181

Trichromacy



Original Color
187, 164, 202

Protanomaly
173, 168, 205

Deuteranomaly
179, 167, 201

Tritanomaly
185, 167, 189

Monochromacy



Original Color
187, 164, 202

Achromatopsia
175, 175, 175

Achromatomaly
179, 171, 185

CSS Examples

Text

The CSS property to change the color of the text to RGB 187, 164, 202 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, 164, 202)` looks like.

```
.text, #text, p{  
    color:rgb(187, 164, 202)  
}
```

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, 164, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 164, 202) }
```

Border

The CSS property to change the border of an element to RGB 187, 164, 202 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, 164, 202) }
```

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

```
.border{ border-color:rgb(187, 164, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 164, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 164, 202); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 164, 202); box-shadow:4px 4px 4px 4px rgb(187, 164, 202) }
```

Background

The CSS property to change the background color of an element to RGB 187, 164, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 164, 202) }
```

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

```
.background{ background-color: rgb(187,  
164, 202) }
```

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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