

# Converting Colors

RGB(187, 144, 205)

Have a look what the booklet for  
RGB(187, 144, 205) contains.

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# **Color**

**RGB(187, 144, 205)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BB90CD
RGB	187, 144, 205
RGB Percent	73%, 56%, 80%
CMY	0.2667, 0.4353, 0.1961
CMYK	0.09, 0.30, 0.00, 0.20
HSL	282°, 38%, 68%
HSV	282°, 30%, 80%
XYZ	41.4862, 34.9191, 62.3111
YIQ	163.8110, 6.0470, 28.0870

# Conversions

## Conversions Part 2

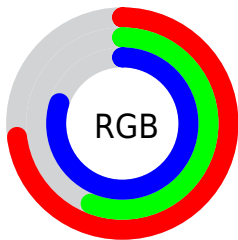
<b>Format</b>	<b>Color</b>
<b>RYB</b>	187, 144, 205
Decimal	12292301
CIELab	65.69, 27.19, -25.21
CIELCh	66, 37.076, 317.159
Yxy	34.9191, 0.2991, 0.2517
Android (android.graphics.Color)	4290482381 (0xFFBB90CD)
YUV	163.8110, 20.3062, 20.3368
Hunter-Lab	59.0924, 21.9055, -21.1548

# Details

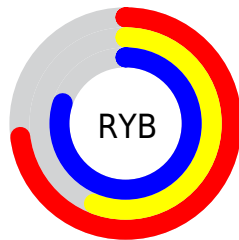
The RGB color **187, 144, 205** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **162, 205, 144**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **244, 198, 255**, and **133, 93, 151** is the 20% darker color. If you saturate the color by 10%, you get **181, 123, 205**, and if you desaturate by 10%, it is **193, 164, 205**.

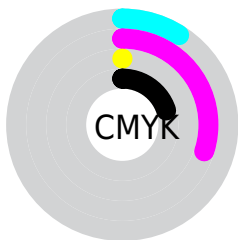
# Distribution



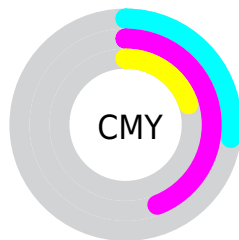
- Red (73%)
- Green (56%)
- Blue (80%)



- Red (73%)
- Yellow (56%)
- Blue (80%)



- Cyan (9%)
- Magenta (30%)
- Yellow (0%)
- Black (20%)




- Cyan (27%)
- Magenta (44%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 187, 144, 205 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, 144, 205 by changing the saturation by 10% instead.




 187, 144, 205

255, 255, 255

 244, 198, 255

 255, 226, 255

 187, 144, 205

 160, 118, 177

 133, 93, 151

 107, 69, 125

 82, 46, 99

 58, 23, 75


 35, 1, 52


 2, 0, 31


 0, 0, 1

 0, 0, 0

 187, 144, 205

 187, 144, 205

 181, 123, 205


 193, 164, 205

 175, 103, 205

 199, 185, 205

 169, 82, 205


 205, 206, 205

 163, 62, 205

 211, 226, 205

 157, 41, 205

 217, 247, 205

 151, 21, 205

 223, 255, 205

 145, 0, 205

 229, 255, 205

 145, 0, 205

 235, 255, 205

 241, 255, 205

# Harmonies

## Analogous

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



142, 156, 223



187, 144, 205



215, 135, 175

# Triad

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



187, 144, 205



194, 153, 95



23, 177, 178

# Complementary

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



187, 144, 205



162, 205, 144

# 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.



81, 176, 144



187, 144, 205



162, 164, 95

# Square

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



187, 144, 205



216, 141, 112



125, 172, 113



7, 174, 207

# Rectangle

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



187, 144, 205



223, 133, 153



125, 172, 113



46, 177, 167



# Sweetspot

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



187, 144, 205



248, 232, 255



144, 162, 205



123, 113, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



187, 144, 205



228, 163, 255



205, 144, 193



99, 92, 102



117, 0, 166



27, 0, 38



# Inverse Universe

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



205, 144, 162



255, 163, 190



144, 205, 156



102, 92, 95



166, 0, 49

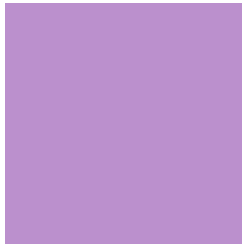


38, 0, 11



# Previews

## White Background



This preview shows how the RGB color 187, 144, 205 looks on a white background.

## Color Contrast Check

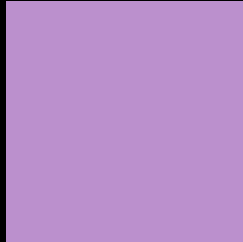
Large Text (above 18pt) WCAG AA × Fail

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, 144, 205 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

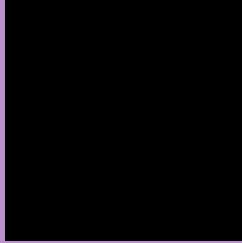
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 187, 144, 205 Background



This preview shows how black text looks on a background with the RGB color 187, 144, 205.

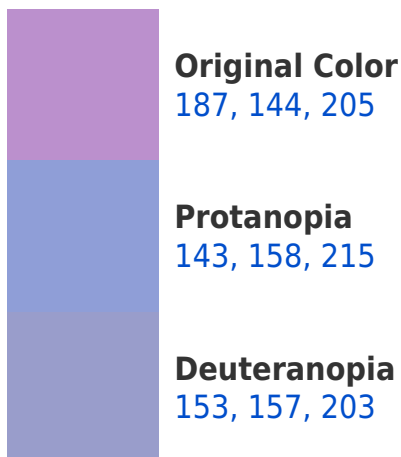



This preview shows how white text looks on a background with the RGB color 187, 144, 205.

# 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**  
181, 152, 164

# Trichromacy



**Original Color**

187, 144, 205



**Protanomaly**

159, 153, 211



**Deuteranomaly**

165, 152, 204



**Tritanomaly**

183, 149, 179

# Monochromacy



**Original Color**

187, 144, 205



**Achromatopsia**

164, 164, 164



**Achromatomaly**

172, 157, 179

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 187, 144, 205 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, 144, 205)` looks like.

```
.text, #text, p{  
    color:rgb(187, 144, 205)  
}
```

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, 144, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 144, 205) }
```

## Border

The CSS property to change the border of an element to RGB 187, 144, 205 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, 144, 205) }
```

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

```
.border{ border-color:rgb(187, 144, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 144, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 144, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 144, 205);  
box-shadow:4px 4px 4px 4px rgb(187, 144,  
205) }
```

# Background

The CSS property to change the background color of an element to RGB 187, 144, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 144, 205) }
```

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

```
.background{ background-color: rgb(187,  
144, 205) }
```

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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