

Converting Colors

RGB(187, 144, 234)

Have a look what the booklet for
RGB(187, 144, 234) contains.

RGB(187, 144, 234)	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, 144, 234)

Conversions

Conversions Part 1

Format	Color
Hex	BB90EA
RGB	187, 144, 234
RGB Percent	73%, 56%, 92%
CMY	0.2667, 0.4353, 0.0824
CMYK	0.20, 0.38, 0.00, 0.08
HSL	269°, 68%, 74%
HSV	269°, 38%, 92%
XYZ	45.3181, 36.4518, 82.4893
YIQ	167.1170, -3.2620, 37.1060

Conversions

Conversions Part 2

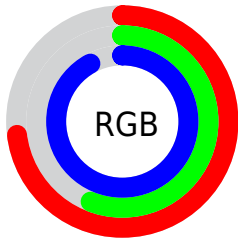
Format	Color
R _{YB}	187, 144, 234
Decimal	12292330
CIE Lab	66.86, 33.44, -39.45
CIE LCh	67, 51.721, 310.285
Yxy	36.4518, 0.2759, 0.2219
Android (android.graphics.Color)	4290482410 (0xFFBB90EA)
YUV	167.1170, 32.9733, 17.4374
Hunter-Lab	60.3753, 28.3262, -38.7437

Details

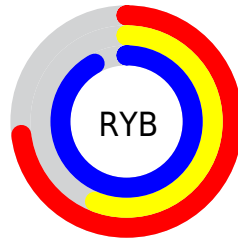
The RGB color **187, 144, 234** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **191, 234, 144**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **244, 198, 255**, and **132, 93, 178** is the 20% darker color. If you saturate the color by 10%, you get **175, 121, 234**, and if you desaturate by 10%, it is **199, 167, 234**.

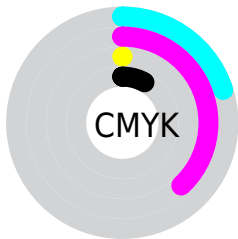
Distribution



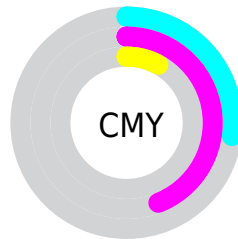
- Red (73%)
- Green (56%)
- Blue (92%)



- Red (73%)
- Yellow (56%)
- Blue (92%)



- Cyan (20%)
- Magenta (38%)
- Yellow (0%)
- Black (8%)




- Cyan (27%)
- Magenta (44%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the RGB color 187, 144, 234 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, 234 by changing the saturation by 10% instead.

 187, 144, 234

 187, 144, 234

255, 255, 255

 159, 118, 206

 244, 198, 255

 132, 93, 178

 255, 227, 255

 106, 69, 151

 80, 45, 125


 54, 22, 99

 28, 0, 75


 0, 0, 52

 0, 2, 29


 0, 0, 0


 187, 144, 234


 187, 144, 234

 175, 121, 234


 199, 167, 234

 163, 97, 234

 211, 191, 234

 150, 74, 234

 224, 214, 234

 138, 50, 234

 236, 238, 234

 126, 27, 234

 248, 255, 234

 114, 4, 234

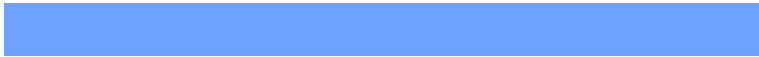
 255, 255, 234

 112, 0, 234

Harmonies

Analogous

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



111, 162, 254



187, 144, 234



232, 128, 195

Triad

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



187, 144, 234



215, 149, 74



0, 186, 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, 234



191, 234, 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.



48, 184, 130



187, 144, 234



174, 165, 67

Square

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



187, 144, 234



242, 132, 105



124, 177, 89



0, 184, 222

Rectangle

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



187, 144, 234



247, 123, 164



124, 177, 89



0, 186, 162

Sweetspot

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



187, 144, 234



239, 224, 255



144, 192, 234



118, 110, 128



0, 0, 0



128, 128, 128

Same Dimension

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



187, 144, 234



194, 138, 255



231, 144, 234



111, 106, 117



87, 0, 181



26, 0, 54

Inverse Universe

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



234, 144, 191



255, 138, 199



147, 234, 144



117, 106, 112



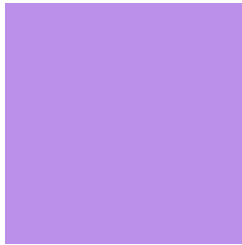
181, 0, 95



54, 0, 28

Previews

White Background



This preview shows how the RGB color 187, 144, 234 looks on a white background.

Color Contrast Check

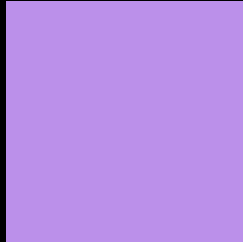
Large Text (above 18pt) WCAG AA × Fail

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, 234 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, 234 Background



This preview shows how black text looks on a background with the RGB color 187, 144, 234.

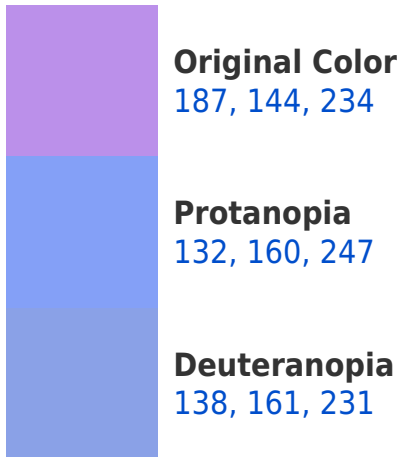


This preview shows how white text looks on a background with the RGB color 187, 144, 234.

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
176, 157, 170

Trichromacy



Original Color

187, 144, 234



Protanomaly

152, 154, 242



Deuteranomaly

156, 155, 232



Tritanomaly

180, 152, 193

Monochromacy



Original Color

187, 144, 234



Achromatopsia

167, 167, 167



Achromatomaly

174, 159, 191

CSS Examples

Text

The CSS property to change the color of the text to RGB 187, 144, 234 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, 234)` looks like.

```
.text, #text, p{  
    color:rgb(187, 144, 234)  
}
```

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, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 144, 234) }
```

Border

The CSS property to change the border of an element to RGB 187, 144, 234 is called "border". The border property can be set on classes, ids or directly on the HTML element.

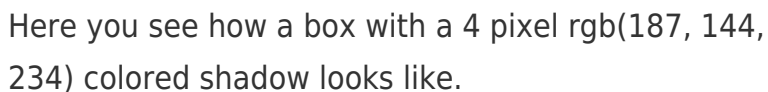
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 144, 234) }
```

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

```
.border{ border-color:rgb(187, 144, 234) }
```

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, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 144, 234); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 144, 234); box-shadow:4px 4px 4px 4px rgb(187, 144, 234) }
```

Background

The CSS property to change the background color of an element to RGB 187, 144, 234 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, 234) }
```

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

```
.background{ background-color: rgb(187,  
144, 234) }
```

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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