

Converting Colors

RGB(187, 121, 236)

Have a look what the booklet for
RGB(187, 121, 236) contains.

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Color

RGB(187, 121, 236)

Conversions

Conversions Part 1

Format	Color
Hex	BB79EC
RGB	187, 121, 236
RGB Percent	73%, 47%, 93%
CMY	0.2667, 0.5255, 0.0745
CMYK	0.21, 0.49, 0.00, 0.07
HSL	274°, 75%, 70%
HSV	274°, 49%, 93%
XYZ	42.4712, 30.2957, 82.9661
YIQ	153.8440, 2.4210, 49.7570

Conversions

Conversions Part 2

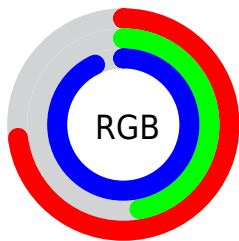
Format	Color
RYB	187, 121, 236
Decimal	12286444
CIELab	61.91, 46.44, -48.35
CIELCh	62, 67.043, 313.849
Yxy	30.2957, 0.2727, 0.1945
Android (android.graphics.Color)	4290476524 (0xFFBB79EC)
YUV	153.8440, 40.5029, 29.0778
Hunter-Lab	55.0415, 41.4118, -50.8409

Details

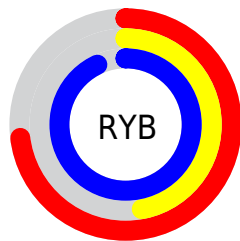
The RGB color **187, 121, 236** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **170, 236, 121**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **245, 175, 255**, and **131, 70, 180** is the 20% darker color. If you saturate the color by 10%, you get **177, 97, 236**, and if you desaturate by 10%, it is **197, 145, 236**.

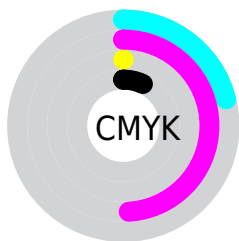
Distribution



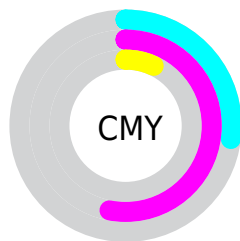
- Red (73%)
- Green (47%)
- Blue (93%)



- Red (73%)
- Yellow (47%)
- Blue (93%)



- Cyan (21%)
- Magenta (49%)
- Yellow (0%)
- Black (7%)




- Cyan (27%)
- Magenta (53%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 187, 121, 236 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, 121, 236 by changing the saturation by 10% instead.

 187, 121, 236

255, 255, 255


 245, 175, 255

 255, 203, 255

 255, 231, 255

 187, 121, 236

 159, 95, 207

 131, 70, 180

 104, 44, 152

 77, 17, 126


 50, 0, 100

 25, 0, 76

 0, 0, 52

 0, 2, 30

 0, 0, 0

 187, 121, 236

 187, 121, 236

 177, 97, 236


 197, 145, 236

 167, 74, 236

 207, 168, 236

 157, 50, 236

 217, 192, 236

 147, 27, 236

 227, 215, 236

 137, 3, 236

 237, 239, 236

 135, 0, 236

 247, 255, 236

 255, 255, 236

Harmonies

Analogous

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



75, 147, 255



187, 121, 236



240, 96, 184

Triad

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



187, 121, 236



205, 135, 18



0, 177, 176

Complementary

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



187, 121, 236



170, 236, 121

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.



0, 175, 114



187, 121, 236



153, 155, 0

Square

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



187, 121, 236



242, 110, 69



84, 168, 56



0, 175, 231

Rectangle

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



187, 121, 236



254, 89, 144



84, 168, 56



0, 177, 156

Sweetspot

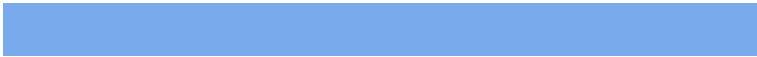
The Sweet Spot groups the original color and five complimentary colors.



187, 121, 236



239, 217, 255



121, 171, 236



118, 105, 128



0, 0, 0



128, 128, 128

Same Dimension

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



187, 121, 236



192, 107, 255



236, 121, 228



112, 106, 117



104, 0, 181



31, 0, 54

Inverse Universe

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



236, 121, 170



255, 107, 170



121, 236, 129



117, 106, 111



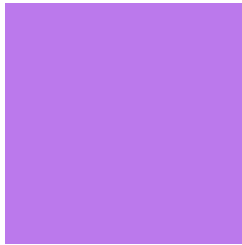
181, 0, 77



54, 0, 23

Previews

White Background



This preview shows how the RGB color 187, 121, 236 looks on a white background.

Color Contrast Check

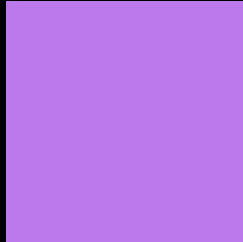
Large Text (above 18pt) WCAG AA × Fail

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, 121, 236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

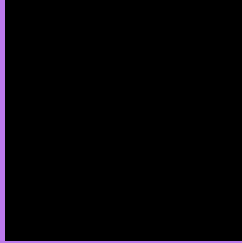
Any Text WCAG AA ✓ Pass

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, 121, 236 Background



This preview shows how black text looks on a background with the RGB color 187, 121, 236.

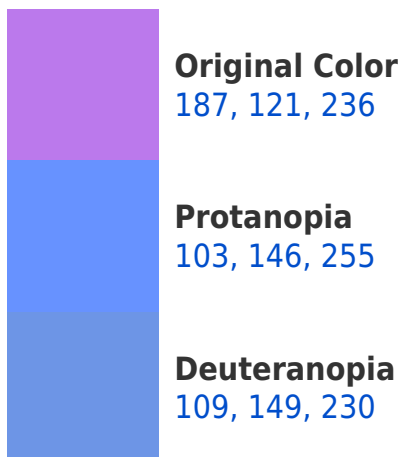



This preview shows how white text looks on a background with the RGB color 187, 121, 236.

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
173, 141, 152

Trichromacy



Original Color

187, 121, 236



Protanomaly

134, 137, 248



Deuteranomaly

137, 139, 232



Tritanomaly

178, 134, 183

Monochromacy



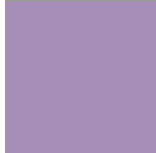
Original Color

187, 121, 236



Achromatopsia

154, 154, 154



Achromatomaly

166, 142, 184

CSS Examples

Text

The CSS property to change the color of the text to RGB 187, 121, 236 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, 121, 236)` looks like.

```
.text, #text, p{  
    color:rgb(187, 121, 236)  
}
```

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, 121, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 121, 236) }
```

Border

The CSS property to change the border of an element to RGB 187, 121, 236 is called "border". The border property can be set on classes, ids or directly on the HTML element.

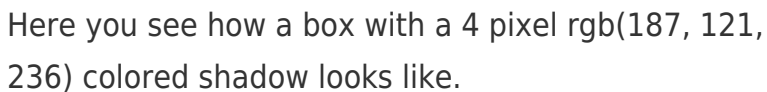
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 121, 236) }
```

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

```
.border{ border-color:rgb(187, 121, 236) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 121, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 121, 236); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 121, 236); box-shadow:4px 4px 4px 4px rgb(187, 121, 236) }
```

Background

The CSS property to change the background color of an element to RGB 187, 121, 236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 121, 236) }
```

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

```
.background{ background-color: rgb(187,  
121, 236) }
```

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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