

Converting Colors

RGB(186, 109, 222)

Have a look what the booklet for
RGB(186, 109, 222) contains.

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Color

RGB(186, 109, 222)

Conversions

Conversions Part 1

Format	Color
Hex	BA6DDE
RGB	186, 109, 222
RGB Percent	73%, 43%, 87%
CMY	0.2706, 0.5725, 0.1294
CMYK	0.16, 0.51, 0.00, 0.13
HSL	281°, 63%, 65%
HSV	281°, 51%, 87%
XYZ	38.9032, 26.6503, 72.2008
YIQ	144.9050, 9.6190, 51.4670

Conversions

Conversions Part 2

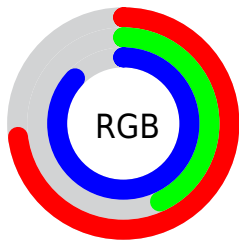
Format	Color
R _Y B	186, 109, 222
Decimal	12217822
CIE Lab	58.65, 49.47, -45.70
CIE LCh	59, 67.350, 317.271
Yxy	26.6503, 0.2824, 0.1935
Android (android.graphics.Color)	4290407902 (0xFFBA6DDE)
YUV	144.9050, 38.0078, 36.0403
Hunter-Lab	51.6239, 44.1735, -46.7858

Details

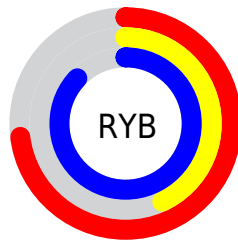
The RGB color **186, 109, 222** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **145, 222, 109**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **244, 163, 255**, and **130, 57, 166** is the 20% darker color. If you saturate the color by 10%, you get **179, 87, 222**, and if you desaturate by 10%, it is **193, 131, 222**.

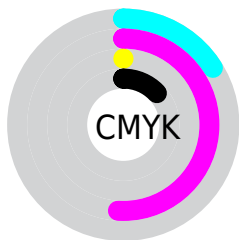
Distribution



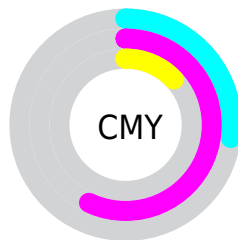
- Red (73%)
- Green (43%)
- Blue (87%)



- Red (73%)
- Yellow (43%)
- Blue (87%)



- Cyan (16%)
- Magenta (51%)
- Yellow (0%)
- Black (13%)



- Cyan (27%)
- Magenta (57%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 186, 109, 222 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, 109, 222 by changing the saturation by 10% instead.

 186, 109, 222


255, 255, 255

 244, 163, 255


 255, 191, 255


 255, 219, 255

 255, 248, 255

 186, 109, 222

 158, 83, 194

 130, 57, 166

 103, 30, 139

 76, 0, 113

 50, 0, 88

 27, 0, 64

 0, 2, 41


 0, 1, 19

 0, 0, 0


 186, 109, 222

 186, 109, 222

 179, 87, 222


 193, 131, 222


 172, 65, 222

 200, 153, 222


 165, 42, 222

 207, 176, 222

 158, 20, 222

 214, 198, 222

 151, 0, 222

 221, 220, 222

 228, 242, 222

 236, 255, 222

 243, 255, 222

 250, 255, 222

Harmonies

Analogous

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



83, 136, 255



186, 109, 222



234, 84, 169

Triad

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



186, 109, 222



190, 129, 0



0, 168, 174

Complementary

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



186, 109, 222



145, 222, 109

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, 167, 113



186, 109, 222



137, 149, 0

Square

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



186, 109, 222



228, 104, 55



63, 161, 54



0, 165, 227

Rectangle

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



186, 109, 222



246, 79, 129



63, 161, 54



0, 168, 154

Sweetspot

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



186, 109, 222



243, 217, 255



109, 147, 222



120, 105, 128



0, 0, 0



128, 128, 128

Same Dimension

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



186, 109, 222



205, 99, 255



222, 109, 203



109, 101, 112



120, 0, 176



33, 0, 48

Inverse Universe

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



222, 109, 145



255, 99, 149



109, 222, 128



112, 101, 105



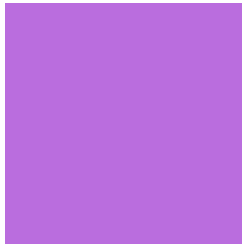
176, 0, 56



48, 0, 15

Previews

White Background



This preview shows how the RGB color 186, 109, 222 looks on a white background.

Color Contrast Check

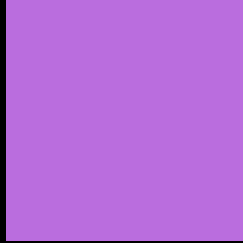
Large Text (above 18pt) WCAG AA ✓ Pass

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, 109, 222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

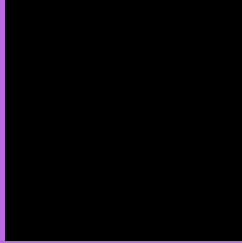
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RGB 186, 109, 222 Background



This preview shows how black text looks on a background with the RGB color 186, 109, 222.

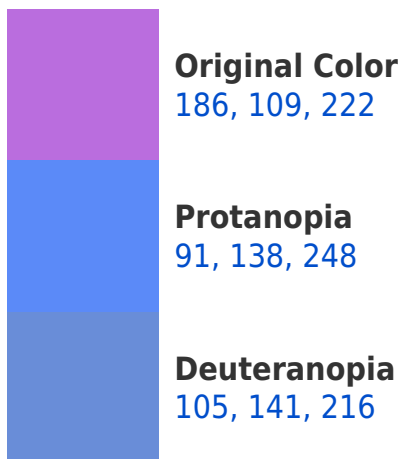


This preview shows how white text looks on a background with the RGB color 186, 109, 222.

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, 129, 139

Trichromacy



Original Color

186, 109, 222



Protanomaly

126, 127, 239



Deuteranomaly

134, 129, 218



Tritanomaly

178, 122, 169

Monochromacy



Original Color

186, 109, 222



Achromatopsia

145, 145, 145



Achromatomaly

160, 132, 173

CSS Examples

Text

The CSS property to change the color of the text to RGB 186, 109, 222 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, 109, 222)` looks like.

```
.text, #text, p{  
    color:rgb(186, 109, 222)  
}
```

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, 109, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 109, 222) }
```

Border

The CSS property to change the border of an element to RGB 186, 109, 222 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, 109, 222) }
```

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

```
.border{ border-color:rgb(186, 109, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 109, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 109, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 109, 222);  
box-shadow:4px 4px 4px 4px rgb(186, 109,  
222) }
```

Background

The CSS property to change the background color of an element to RGB 186, 109, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 109, 222) }
```

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

```
.background{ background-color: rgb(186,  
109, 222) }
```

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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