

Converting Colors

RGB(187, 69, 227)

Have a look what the booklet for
RGB(187, 69, 227) contains.

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Color

RGB(187, 69, 227)

Conversions

Conversions Part 1

Format	Color
Hex	BB45E3
RGB	187, 69, 227
RGB Percent	73%, 27%, 89%
CMY	0.2667, 0.7294, 0.1098
CMYK	0.18, 0.70, 0.00, 0.11
HSL	285°, 74%, 58%
HSV	285°, 70%, 89%
XYZ	36.4868, 20.3671, 74.6812
YIQ	122.2940, 19.6100, 74.1540

Conversions

Conversions Part 2

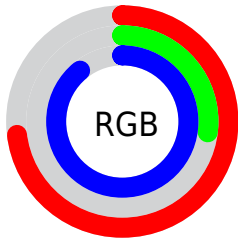
Format	Color
R _{YB}	187, 69, 227
Decimal	12273123
CIE _{Lab}	52.25, 69.21, -58.71
CIE _{LCh}	52, 90.753, 319.693
Yxy	20.3671, 0.2774, 0.1548
Android (android.graphics.Color)	4290463203 (0xFFBB45E3)
YUV	122.2940, 51.6201, 56.7472
Hunter-Lab	45.1299, 65.3369, -66.5225

Details

The RGB color **187, 69, 227** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **109, 227, 69**, and the grayscale version is **122, 122, 122**.

A 20% lighter version of the original color is **247, 126, 255**, and **129, 0, 171** is the 20% darker color. If you saturate the color by 10%, you get **181, 46, 227**, and if you desaturate by 10%, it is **193, 92, 227**.

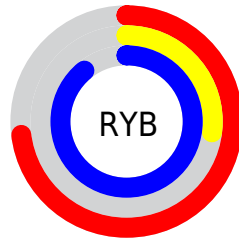
Distribution



Red (73%)

Green (27%)

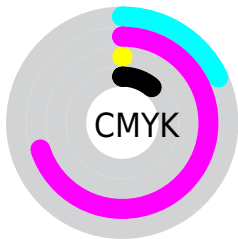
Blue (89%)



Red (73%)

Yellow (27%)

Blue (89%)

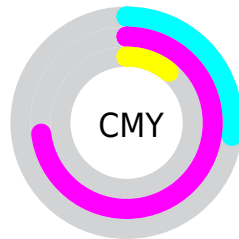


Cyan (18%)

Magenta (70%)

Yellow (0%)

Black (11%)



Cyan (27%)


















Magenta (73%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the RGB color 187, 69, 227 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, 69, 227 by changing the saturation by 10% instead.


 187, 69, 227	 187, 69, 227
 255, 255, 255	 158, 37, 198
 247, 126, 255	 129, 0, 171
 255, 155, 255	 101, 0, 143
 255, 183, 255	 72, 0, 117
 255, 212, 255	 45, 0, 92
 255, 242, 255	 7, 0, 67
	 0, 3, 44
	 0, 1, 22
	 0, 0, 0

 187, 69, 227

 187, 69, 227


 181, 46, 227

 193, 92, 227


 176, 24, 227


 198, 114, 227


 170, 1, 227

 204, 137, 227

 170, 0, 227

 210, 160, 227

 216, 182, 227

 221, 205, 227

 227, 228, 227

 233, 251, 227

 239, 255, 227

Harmonies

Analogous

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



0, 117, 255



187, 69, 227



245, 0, 155

Triad

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



187, 69, 227



174, 112, 0



0, 156, 175

Complementary

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



187, 69, 227



109, 227, 69

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, 154, 94



187, 69, 227



103, 136, 0

Square

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



187, 69, 227



226, 69, 0



0, 149, 0



0, 154, 244

Rectangle

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



187, 69, 227



255, 0, 103



0, 149, 0



0, 156, 149

Sweetspot

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



187, 69, 227



241, 201, 255



69, 111, 227



119, 96, 128



0, 0, 0



128, 128, 128

Same Dimension

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



187, 69, 227



201, 41, 255



227, 69, 190



112, 103, 115



133, 0, 179



38, 0, 51

Inverse Universe

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



227, 69, 109



255, 41, 95



69, 227, 106



115, 103, 106



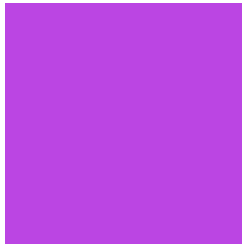
179, 0, 45



51, 0, 13

Previews

White Background



This preview shows how the RGB color 187, 69, 227 looks on a white background.

Color Contrast Check

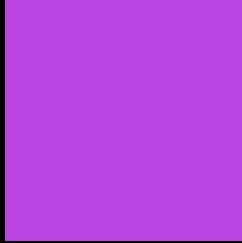
Large Text (above 18pt) WCAG AA ✓ Pass

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 187, 69, 227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

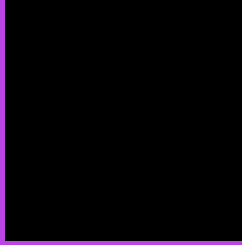
Any Text WCAG AA ✓ Pass

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 187, 69, 227 Background



This preview shows how black text looks on a background with the RGB color 187, 69, 227.

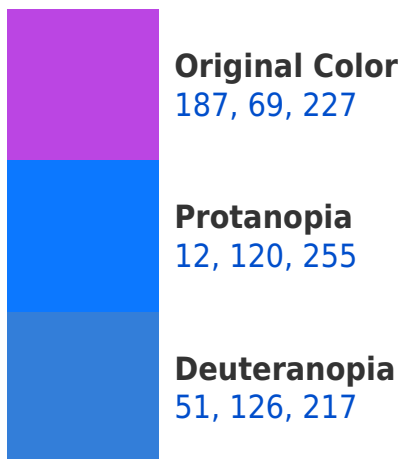



This preview shows how white text looks on a background with the RGB color 187, 69, 227.

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
171, 106, 114

Trichromacy



Original Color
187, 69, 227



Protanomaly
76, 101, 245



Deuteranomaly
100, 105, 221



Tritanomaly
177, 93, 155

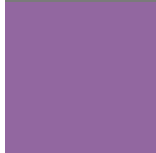
Monochromacy



Original Color
187, 69, 227



Achromatopsia
122, 122, 122



Achromatomaly
146, 103, 160

CSS Examples

Text

The CSS property to change the color of the text to RGB 187, 69, 227 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, 69, 227)` looks like.

```
.text, #text, p{  
    color:rgb(187, 69, 227)  
}
```

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, 69, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 69, 227) }
```

Border

The CSS property to change the border of an element to RGB 187, 69, 227 is called "border". The border property can be set on classes, ids or directly on the HTML element.

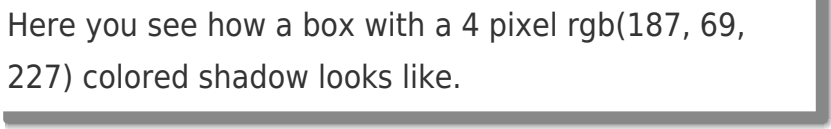
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 69, 227) }
```

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

```
.border{ border-color:rgb(187, 69, 227) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 69, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 69, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 69, 227);  
box-shadow:4px 4px 4px 4px rgb(187, 69,  
227) }
```

Background

The CSS property to change the background color of an element to RGB 187, 69, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 69, 227) }
```

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

```
.background{ background-color: rgb(187, 69,  
227) }
```

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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