

Converting Colors

RGB(167, 73, 188)

Have a look what the booklet for
RGB(167, 73, 188) contains.

RGB(167, 73, 188)	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(167, 73, 188)

Conversions

Conversions Part 1

Format	Color
Hex	A749BC
RGB	167, 73, 188
RGB Percent	65%, 29%, 74%
CMY	0.3451, 0.7137, 0.2627
CMYK	0.11, 0.61, 0.00, 0.26
HSL	289°, 46%, 51%
HSV	289°, 61%, 74%
XYZ	27.3960, 16.6114, 49.3393
YIQ	114.2160, 19.1090, 55.6930

Conversions

Conversions Part 2

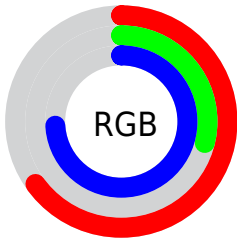
Format	Color
R_{YB}	167, 73, 188
Decimal	10963388
CIE _{Lab}	47.77, 55.43, -43.68
CIE _{LCh}	48, 70.567, 321.763
Yxy	16.6114, 0.2935, 0.1780
Android (android.graphics.Color)	4289153468 (0xFFA749BC)
YUV	114.2160, 36.3755, 46.2916
Hunter-Lab	40.7571, 48.6587, -43.2447

Details

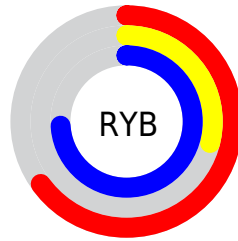
The RGB color **167, 73, 188** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **94, 188, 73**, and the grayscale version is **114, 114, 114**.

A 20% lighter version of the original color is **225, 127, 245**, and **112, 10, 134** is the 20% darker color. If you saturate the color by 10%, you get **164, 54, 188**, and if you desaturate by 10%, it is **170, 92, 188**.

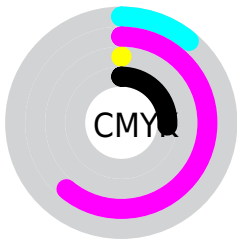
Distribution



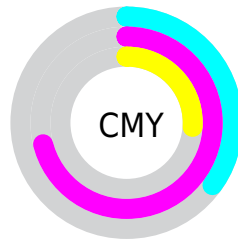
- Red (65%)
- Green (29%)
- Blue (74%)



- Red (65%)
- Yellow (29%)
- Blue (74%)



- Cyan (11%)
- Magenta (61%)
- Yellow (0%)
- Black (26%)



- Cyan (35%)
- Magenta (71%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RGB color 167, 73, 188 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 167, 73, 188 by changing the saturation by 10% instead.

 167, 73, 188

255, 255, 255

 225, 127, 245

 254, 154, 255

 255, 182, 255

 255, 211, 255

 255, 240, 255

 167, 73, 188

 139, 45, 161

 112, 10, 134

 85, 0, 108

 58, 0, 83

 35, 0, 60

 0, 0, 37

 0, 1, 13

 0, 0, 0

 167, 73, 188

 167, 73, 188

■ 164, 54, 188

■ 170, 92, 188

■ 160, 35, 188

■ 174, 111, 188

■ 157, 17, 188

■ 177, 129, 188

■ 154, 0, 188

■ 181, 148, 188

■ 184, 167, 188

■ 188, 186, 188

■ 191, 205, 188

■ 194, 223, 188

■ 198, 242, 188

Harmonies

Analogous

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



63, 105, 225



167, 73, 188



209, 38, 132

Triad

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



167, 73, 188



151, 105, 0



0, 139, 156

Complementary

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



167, 73, 188



94, 188, 73

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, 138, 94



167, 73, 188



96, 123, 0

Square

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



167, 73, 188



192, 77, 10



0, 133, 29



0, 136, 207

Rectangle

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



167, 73, 188



216, 35, 93



0, 133, 29



0, 139, 136

Sweetspot

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



167, 73, 188



237, 201, 245



73, 94, 188



117, 95, 122



250, 250, 250



122, 122, 122

Same Dimension

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



167, 73, 188



212, 66, 245



188, 73, 152



93, 85, 94



129, 0, 158



25, 0, 31

Inverse Universe

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



188, 73, 94



245, 66, 99



73, 188, 109



94, 85, 87



158, 0, 29



31, 0, 6

Previews

White Background



This preview shows how the RGB color 167, 73, 188 looks on a white background.

Color Contrast Check

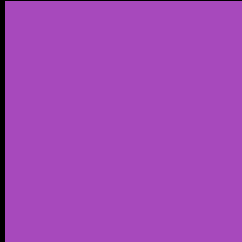
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 167, 73, 188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

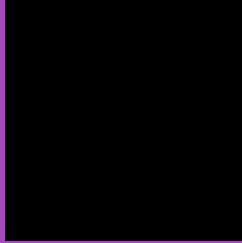
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

RGB 167, 73, 188 Background



This preview shows how black text looks on a background with the RGB color 167, 73, 188.

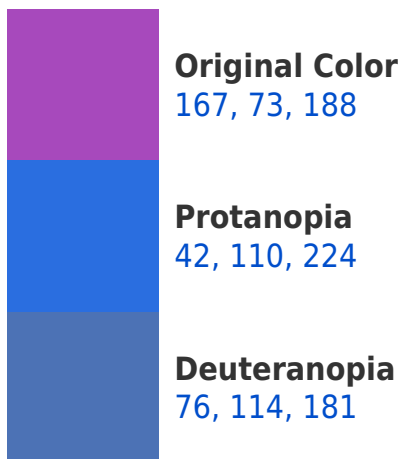


This preview shows how white text looks on a background with the RGB color 167, 73, 188.

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
156, 97, 104

Trichromacy



Original Color

167, 73, 188



Protanomaly

87, 97, 211



Deuteranomaly

109, 99, 184



Tritanomaly

160, 88, 135

Monochromacy



Original Color

167, 73, 188



Achromatopsia

114, 114, 114



Achromatomaly

133, 99, 141

CSS Examples

Text

The CSS property to change the color of the text to RGB 167, 73, 188 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(167, 73, 188)` looks like.

```
.text, #text, p{  
    color:rgb(167, 73, 188)  
}
```

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(167, 73, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 73, 188) }
```

Border

The CSS property to change the border of an element to RGB 167, 73, 188 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(167, 73, 188) }
```

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

```
.border{ border-color:rgb(167, 73, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 73, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 73, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 73, 188);  
box-shadow:4px 4px 4px 4px rgb(167, 73,  
188) }
```

Background

The CSS property to change the background color of an element to RGB 167, 73, 188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 73, 188) }
```

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

```
.background{ background-color: rgb(167, 73,  
188) }
```

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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