

Converting Colors

RGB(181, 74, 175)

Have a look what the booklet for
RGB(181, 74, 175) contains.

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Color

RGB(181, 74, 175)

Conversions

Conversions Part 1

Format	Color
Hex	B54AAF
RGB	181, 74, 175
RGB Percent	71%, 29%, 69%
CMY	0.2902, 0.7098, 0.3137
CMYK	0.00, 0.59, 0.03, 0.29
HSL	303°, 42%, 50%
HSV	303°, 59%, 71%
XYZ	29.2427, 17.8165, 42.4551
YIQ	117.5070, 31.3510, 54.0950

Conversions

Conversions Part 2

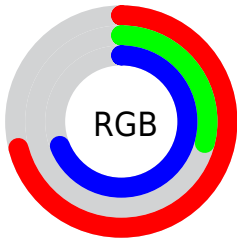
Format	Color
RYB	181, 74, 175
Decimal	11881135
CIELab	49.27, 56.20, -33.57
CIELCh	49, 65.461, 329.144
Yxy	17.8165, 0.3267, 0.1990
Android (android.graphics.Color)	4290071215 (0xFFB54AAF)
YUV	117.5070, 28.3440, 55.6834
Hunter-Lab	42.2095, 49.7978, -30.0882

Details

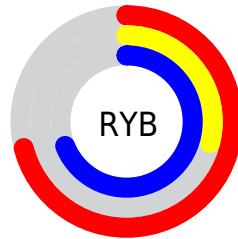
The RGB color **181, 74, 175** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **74, 181, 80**, and the grayscale version is **117, 117, 117**.

A 20% lighter version of the original color is **239, 129, 231**, and **125, 8, 122** is the 20% darker color. If you saturate the color by 10%, you get **181, 56, 174**, and if you desaturate by 10%, it is **181, 92, 176**.

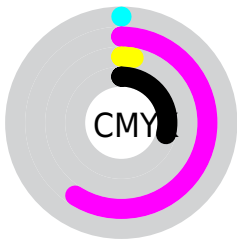
Distribution



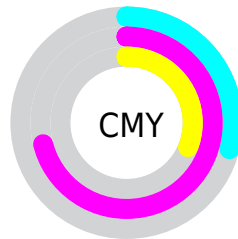
- Red (71%)
- Green (29%)
- Blue (69%)



- Red (71%)
- Yellow (29%)
- Blue (69%)



- Cyan (0%)
- Magenta (59%)
- Yellow (3%)
- Black (29%)



- Cyan (29%)
- Magenta (71%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 181, 74, 175 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 181, 74, 175 by changing the saturation by 10% instead.



181, 74, 175



181, 74, 175

255, 255, 255



153, 46, 148



239, 129, 231



125, 8, 122



255, 156, 255



98, 0, 97



255, 184, 255



71, 0, 73



255, 213, 255



49, 0, 50



255, 242, 255



9, 0, 28



0, 0, 0



181, 74, 175




181, 74, 175





181, 56, 174





181, 92, 176


 181, 38, 173

 181, 110, 177


 181, 20, 172


 181, 128, 178

 181, 2, 171

 181, 146, 179


 181, 0, 171

 181, 165, 180

 181, 183, 181

 181, 201, 182

 181, 219, 183

 181, 237, 184

Harmonies

Analogous

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



109, 103, 215



181, 74, 175



211, 53, 121

Triad

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



181, 74, 175



143, 114, 0



0, 141, 170

Complementary

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



181, 74, 175



74, 181, 80

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, 141, 114



181, 74, 175



88, 129, 0

Square

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



181, 74, 175



185, 91, 9



0, 138, 56



0, 137, 212

Rectangle

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



181, 74, 175



214, 57, 84



0, 138, 56



0, 142, 152

Sweetspot

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



181, 74, 175



235, 192, 232



79, 74, 181



117, 91, 116



245, 245, 245



117, 117, 117

Same Dimension

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



181, 74, 175



235, 68, 225



181, 74, 122



89, 80, 89



153, 0, 144



26, 0, 24

Inverse Universe

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



181, 74, 175



235, 68, 225



74, 181, 133



89, 80, 89



153, 0, 144



26, 0, 24

Previews

White Background



This preview shows how the RGB color 181, 74, 175 looks on a white background.

Color Contrast Check

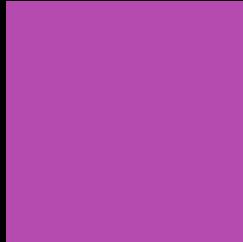
Large Text (above 18pt) WCAG AA ✓ Pass

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 181, 74, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

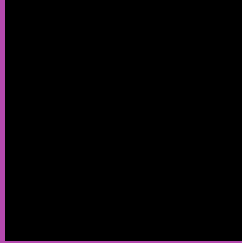
Any Text WCAG AA ✓ Pass

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 181, 74, 175 Background



This preview shows how black text looks on a background with the RGB color 181, 74, 175.

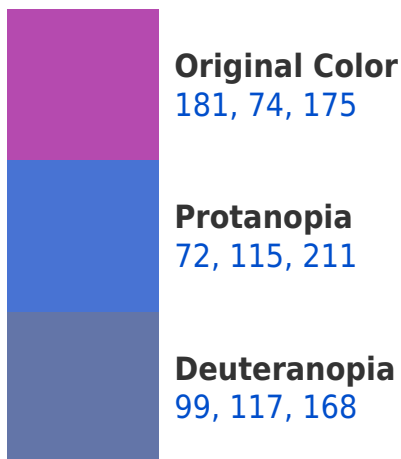


This preview shows how white text looks on a background with the RGB color 181, 74, 175.

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, 94, 101

Trichromacy



Original Color

181, 74, 175



Protanomaly

112, 100, 198



Deuteranomaly

129, 101, 171



Tritanomaly

176, 87, 128

Monochromacy



Original Color

181, 74, 175



Achromatopsia

118, 118, 118



Achromatomaly

141, 102, 139

CSS Examples

Text

The CSS property to change the color of the text to RGB 181, 74, 175 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(181, 74, 175)` looks like.

```
.text, #text, p{  
    color:rgb(181, 74, 175)  
}
```

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(181, 74, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 74, 175) }
```

Border

The CSS property to change the border of an element to RGB 181, 74, 175 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(181, 74, 175) }
```

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

```
.border{ border-color:rgb(181, 74, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 74, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 74, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 74, 175);  
box-shadow:4px 4px 4px 4px rgb(181, 74,  
175) }
```

Background

The CSS property to change the background color of an element to RGB 181, 74, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 74, 175) }
```

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

```
.background{ background-color: rgb(181, 74,  
175) }
```

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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