

Converting Colors

RGB(181, 74, 156)

Have a look what the booklet for
RGB(181, 74, 156) contains.

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Color

RGB(181, 74, 156)

Conversions

Conversions Part 1

Format	Color
Hex	B54A9C
RGB	181, 74, 156
RGB Percent	71%, 29%, 61%
CMY	0.2902, 0.7098, 0.3882
CMYK	0.00, 0.59, 0.14, 0.29
HSL	314°, 42%, 50%
HSV	314°, 59%, 71%
XYZ	27.5056, 17.1216, 33.3076
YIQ	115.3410, 37.4500, 48.1860

Conversions

Conversions Part 2

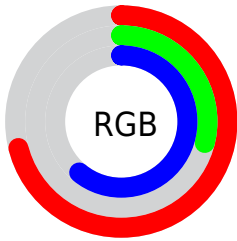
Format	Color
RYB	181, 74, 156
Decimal	11881116
CIELab	48.41, 53.08, -23.70
CIElCh	48, 58.132, 335.938
Yxy	17.1216, 0.3529, 0.2197
Android (android.graphics.Color)	4290071196 (0xFFB54A9C)
YUV	115.3410, 20.0449, 57.5829
Hunter-Lab	41.3783, 46.2432, -18.7609

Details

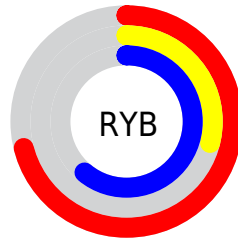
The RGB color **181, 74, 156** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **74, 181, 99**, and the grayscale version is **115, 115, 115**.

A 20% lighter version of the original color is **239, 128, 211**, and **125, 11, 104** is the 20% darker color. If you saturate the color by 10%, you get **181, 56, 152**, and if you desaturate by 10%, it is **181, 92, 160**.

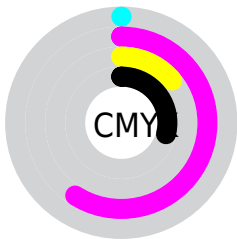
Distribution



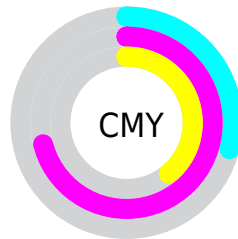
- Red (71%)
- Green (29%)
- Blue (61%)



- Red (71%)
- Yellow (29%)
- Blue (61%)



- Cyan (0%)
- Magenta (59%)
- Yellow (14%)
- Black (29%)



- Cyan (29%)
- Magenta (71%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RGB color 181, 74, 156 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, 156 by changing the saturation by 10% instead.



181, 74, 156



181, 74, 156

255, 255, 255



153, 46, 130



239, 128, 211



125, 11, 104



255, 156, 239



98, 0, 80



255, 184, 255



72, 0, 57



255, 212, 255



48, 0, 35



255, 241, 255



4, 0, 9



0, 0, 0



181, 74, 156



181, 74, 156



181, 56, 152



181, 92, 160

181, 38, 148

181, 110, 164

181, 20, 143

181, 128, 169

181, 2, 139

181, 146, 173

181, 0, 139

181, 165, 177

181, 183, 181

181, 201, 186

181, 219, 190

181, 237, 194

Harmonies

Analogous

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



128, 97, 195



181, 74, 156



202, 63, 107

Triad

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



181, 74, 156



129, 116, 0



0, 136, 172

Complementary

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



181, 74, 156



74, 181, 99

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, 137, 124



181, 74, 156



77, 128, 24

Square

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



181, 74, 156



169, 97, 15



0, 135, 73



0, 131, 205

Rectangle

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



181, 74, 156



200, 69, 75



0, 135, 73



0, 137, 157

Sweetspot

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



181, 74, 156



235, 192, 225



99, 74, 181



117, 91, 111



245, 245, 245



117, 117, 117

Same Dimension

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



181, 74, 156



235, 68, 196



181, 74, 103



89, 80, 87



153, 0, 117



26, 0, 20

Inverse Universe

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



181, 74, 156



235, 68, 196



74, 181, 152



89, 80, 87



153, 0, 117



26, 0, 20

Previews

White Background



This preview shows how the RGB color 181, 74, 156 looks on a white background.

Color Contrast Check

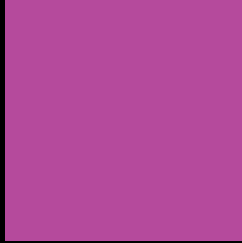
Large Text (above 18pt) WCAG AA ✓ Pass

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, 156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

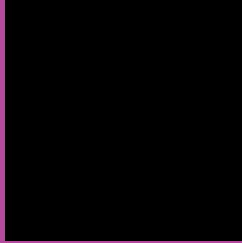
Any Text WCAG AA × Fail

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 181, 74, 156 Background



This preview shows how black text looks on a background with the RGB color 181, 74, 156.

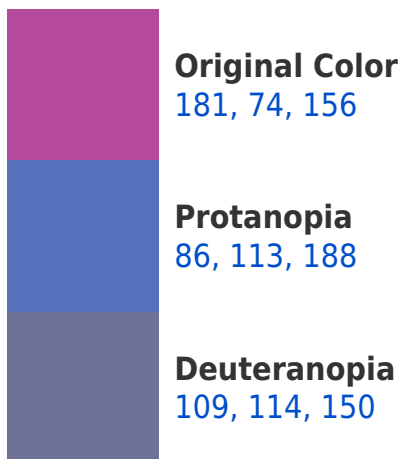



This preview shows how white text looks on a background with the RGB color 181, 74, 156.

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
175, 89, 96

Trichromacy



Original Color
181, 74, 156

Protanomaly
121, 99, 176

Deuteranomaly
135, 99, 152

Tritanomaly
177, 84, 118

Monochromacy



Original Color
181, 74, 156

Achromatopsia
115, 115, 115

Achromatomaly
139, 100, 130

CSS Examples

Text

The CSS property to change the color of the text to RGB 181, 74, 156 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, 156)` looks like.

```
.text, #text, p{  
    color:rgb(181, 74, 156)  
}
```

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, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 74, 156) }
```

Border

The CSS property to change the border of an element to RGB 181, 74, 156 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, 156) }
```

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

```
.border{ border-color:rgb(181, 74, 156) }
```

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, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 74, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 74, 156);  
box-shadow:4px 4px 4px 4px rgb(181, 74,  
156) }
```

Background

The CSS property to change the background color of an element to RGB 181, 74, 156 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, 156) }
```

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

```
.background{ background-color: rgb(181, 74,  
156) }
```

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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