

# Converting Colors

RGB(180, 73, 165)

Have a look what the booklet for  
RGB(180, 73, 165) contains.

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# Color

**RGB(180, 73, 165)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B449A5
RGB	180, 73, 165
RGB Percent	71%, 29%, 65%
CMY	0.2941, 0.7137, 0.3529
CMYK	0.00, 0.59, 0.08, 0.29
HSL	308°, 42%, 50%
HSV	308°, 59%, 71%
XYZ	27.9965, 17.1850, 37.4388
YIQ	115.4810, 34.2400, 51.2960

# Conversions

## Conversions Part 2

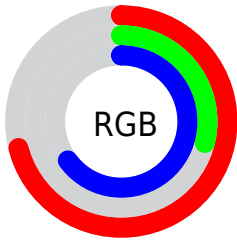
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	180, 73, 165
Decimal	11815333
CIE <sub>Lab</sub>	48.49, 54.69, -28.92
CIE <sub>LCh</sub>	48, 61.870, 332.131
Yxy	17.1850, 0.3389, 0.2080
Android (android.graphics.Color)	4290005413 (0xFFB449A5)
YUV	115.4810, 24.4129, 56.5832
Hunter-Lab	41.4548, 48.0040, -24.5278

# Details

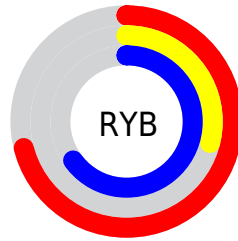
The RGB color **180, 73, 165** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **73, 180, 88**, and the grayscale version is **115, 115, 115**.

A 20% lighter version of the original color is **238, 127, 220**, and **124, 7, 113** is the 20% darker color. If you saturate the color by 10%, you get **180, 55, 162**, and if you desaturate by 10%, it is **180, 91, 168**.

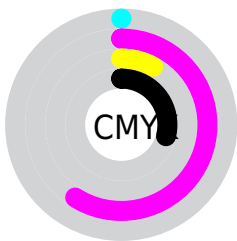
# Distribution



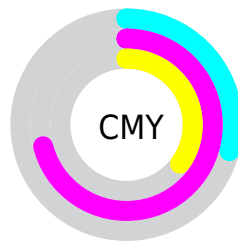
- Red (71%)
- Green (29%)
- Blue (65%)



- Red (71%)
- Yellow (29%)
- Blue (65%)



- Cyan (0%)
- Magenta (59%)
- Yellow (8%)
- Black (29%)



- Cyan (29%)
- Magenta (71%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 180, 73, 165 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 180, 73, 165 by changing the saturation by 10% instead.





180, 73, 165



180, 73, 165

255, 255, 255



152, 45, 138



238, 127, 220



124, 7, 113



255, 155, 249



97, 0, 88



255, 183, 255



71, 0, 64



255, 212, 255



48, 0, 42



255, 241, 255



3, 0, 20



0, 0, 0



180, 73, 165




180, 73, 165





180, 55, 162




180, 91, 168


 180, 37, 160

 180, 109, 170


 180, 19, 157


 180, 127, 173


 180, 1, 155

 180, 145, 175

 180, 0, 155

 180, 163, 178

 180, 181, 180

 180, 199, 183

 180, 217, 185

 180, 235, 188

# Harmonies

## Analogous

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



117, 99, 205



180, 73, 165



206, 57, 114

# Triad

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



180, 73, 165



135, 114, 0



0, 138, 170

# Complementary

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



180, 73, 165



73, 180, 88

# 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, 139, 118



180, 73, 165



82, 128, 1

# Square

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



180, 73, 165



176, 93, 10



0, 135, 63



0, 133, 208

# Rectangle

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



180, 73, 165



206, 62, 79



0, 135, 63



0, 139, 153



# Sweetspot

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



180, 73, 165



235, 192, 229



87, 73, 180



117, 91, 114



245, 245, 245



117, 117, 117



# Same Dimension

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



180, 73, 165



235, 68, 211



180, 73, 112



89, 80, 88



153, 0, 132



26, 0, 22



# Inverse Universe

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



180, 73, 165



235, 68, 211



73, 180, 141



89, 80, 88



153, 0, 132



26, 0, 22



# Previews

## White Background



This preview shows how the RGB color 180, 73, 165 looks on a white background.

## Color Contrast Check

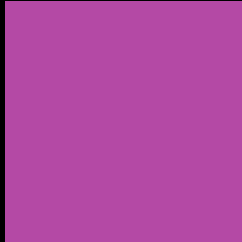
Large Text (above 18pt) WCAG AA ✓ Pass

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 180, 73, 165 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 180, 73, 165 Background



This preview shows how black text looks on a background with the RGB color 180, 73, 165.

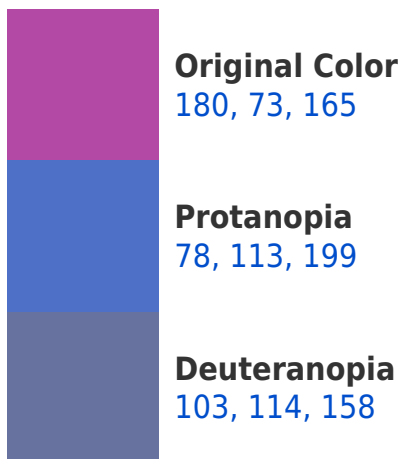


This preview shows how white text looks on a background with the RGB color 180, 73, 165.

# 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](#).

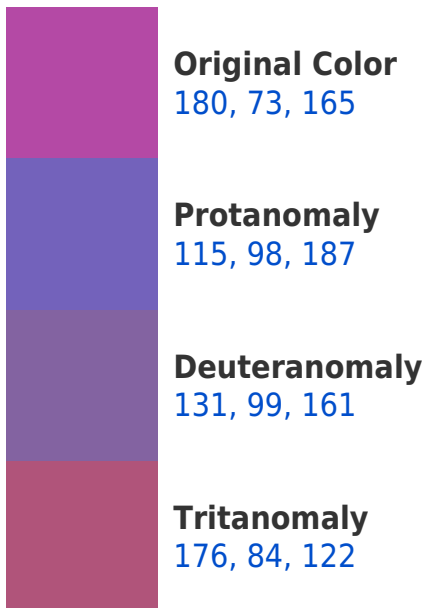
## Dichromacy



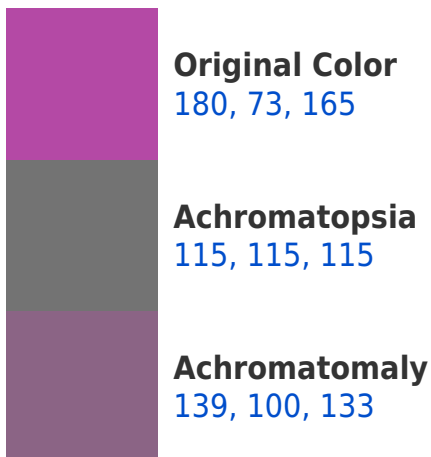


**Tritanopia**  
173, 91, 97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to RGB 180, 73, 165 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(180, 73, 165)` looks like.

```
.text, #text, p{  
    color:rgb(180, 73, 165)  
}
```

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(180, 73, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 73, 165) }
```

## Border

The CSS property to change the border of an element to RGB 180, 73, 165 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(180, 73, 165) }
```

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

```
.border{ border-color:rgb(180, 73, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 73, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 73, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 73, 165);  
box-shadow:4px 4px 4px 4px rgb(180, 73,  
165) }
```

# Background

The CSS property to change the background color of an element to RGB 180, 73, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 73, 165) }
```

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

```
.background{ background-color: rgb(180, 73,  
165) }
```

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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