

# Converting Colors

RGB(173, 119, 196)

Have a look what the booklet for  
RGB(173, 119, 196) contains.

<b>RGB(173, 119, 196)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**RGB(173, 119, 196)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AD77C4
RGB	173, 119, 196
RGB Percent	68%, 47%, 77%
CMY	0.3216, 0.5333, 0.2314
CMYK	0.12, 0.39, 0.00, 0.23
HSL	282°, 39%, 62%
HSV	282°, 39%, 77%
XYZ	33.7942, 26.0634, 55.4741
YIQ	143.9240, 7.4670, 35.3950

# Conversions

## Conversions Part 2

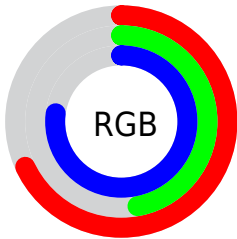
<b>Format</b>	<b>Color</b>
<b>RYB</b>	173, 119, 196
Decimal	11368388
CIELab	58.10, 34.83, -31.98
CIELCh	58, 47.290, 317.443
Yxy	26.0634, 0.2930, 0.2260
Android (android.graphics.Color)	4289558468 (0xFFAD77C4)
YUV	143.9240, 25.6735, 25.4997
Hunter-Lab	51.0523, 28.8169, -28.6887

# Details

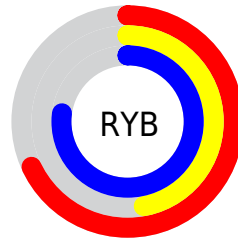
The RGB color **173, 119, 196** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **142, 196, 119**, and the grayscale version is **144, 144, 144**.

A 20% lighter version of the original color is **229, 172, 253**, and **119, 69, 142** is the 20% darker color. If you saturate the color by 10%, you get **167, 99, 196**, and if you desaturate by 10%, it is **179, 139, 196**.

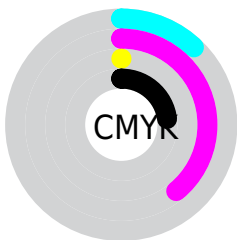
# Distribution



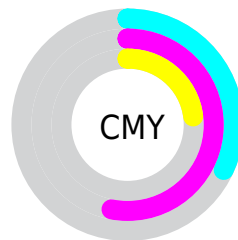
- Red (68%)
- Green (47%)
- Blue (77%)



- Red (68%)
- Yellow (47%)
- Blue (77%)



- Cyan (12%)
- Magenta (39%)
- Yellow (0%)
- Black (23%)



- Cyan (32%)
- Magenta (53%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 173, 119, 196 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 173, 119, 196 by changing the saturation by 10% instead.



 173, 119, 196

255, 255, 255

 229, 172, 253

 255, 200, 255

 255, 228, 255

 173, 119, 196

 146, 94, 169

 119, 69, 142

 93, 45, 116

 68, 21, 91

 44, 0, 67

 24, 0, 45

 0, 1, 23


 0, 0, 0

 173, 119, 196


 173, 119, 196


 167, 99, 196

 179, 139, 196

 161, 80, 196

 185, 158, 196

 155, 60, 196

 191, 178, 196

 150, 41, 196

 196, 197, 196

 144, 21, 196

 202, 217, 196

 138, 1, 196

 208, 237, 196

 137, 0, 196

 214, 255, 196

 220, 255, 196

 226, 255, 196

# Harmonies

## Analogous

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



112, 136, 219



173, 119, 196



207, 106, 159

# Triad

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



173, 119, 196



178, 131, 56



0, 160, 163

# Complementary

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



173, 119, 196



142, 196, 119

# 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, 159, 120



173, 119, 196



140, 145, 56

# Square

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



173, 119, 196



205, 116, 80



92, 154, 81



0, 157, 200

# Rectangle

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



173, 119, 196



216, 104, 131



92, 154, 81



0, 160, 149



# Sweetspot

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



173, 119, 196



246, 224, 255



119, 142, 196



122, 110, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



173, 119, 196



219, 135, 255



196, 119, 181



94, 87, 97



113, 0, 161



23, 0, 33



# Inverse Universe

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



196, 119, 142



255, 135, 171



119, 196, 134



97, 87, 90



161, 0, 48

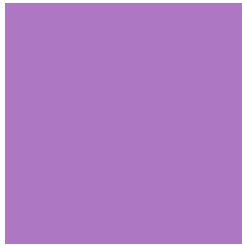


33, 0, 10



# Previews

## White Background



This preview shows how the RGB color 173, 119, 196 looks on a white background.

## Color Contrast Check

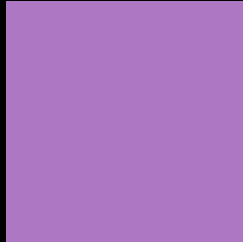
Large Text (above 18pt) WCAG AA ✓ Pass

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 173, 119, 196 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

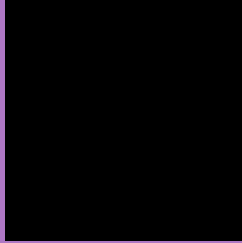
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## RGB 173, 119, 196 Background



This preview shows how black text looks on a background with the RGB color 173, 119, 196.



This preview shows how white text looks on a background with the RGB color 173, 119, 196.

# 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



**Original Color**  
173, 119, 196

**Protanopia**  
114, 138, 211

**Deuteranopia**  
123, 138, 192



**Tritanopia**  
165, 131, 141

# Trichromacy



**Original Color**  
173, 119, 196

**Protanomaly**  
135, 131, 206

**Deuteranomaly**  
141, 131, 193

**Tritanomaly**  
168, 127, 161

# Monochromacy



**Original Color**  
173, 119, 196

**Achromatopsia**  
144, 144, 144

**Achromatomaly**  
155, 135, 163

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 173, 119, 196 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(173, 119, 196)` looks like.

```
.text, #text, p{  
    color:rgb(173, 119, 196)  
}
```

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(173, 119, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 119, 196) }
```

## Border

The CSS property to change the border of an element to RGB 173, 119, 196 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(173, 119, 196) }
```

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

```
.border{ border-color:rgb(173, 119, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 119, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 119, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 119, 196);  
box-shadow:4px 4px 4px 4px rgb(173, 119,  
196) }
```

# Background

The CSS property to change the background color of an element to RGB 173, 119, 196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 119, 196) }
```

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

```
.background{ background-color: rgb(173,  
119, 196) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor