

# Converting Colors

RGB(172, 109, 135)

Have a look what the booklet for  
RGB(172, 109, 135) contains.

<b>RGB(172, 109, 135)</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(172, 109, 135)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AC6D87
RGB	172, 109, 135
RGB Percent	67%, 43%, 53%
CMY	0.3255, 0.5725, 0.4706
CMYK	0.00, 0.37, 0.22, 0.33
HSL	335°, 28%, 55%
HSV	335°, 37%, 67%
XYZ	26.8551, 21.4572, 25.6479
YIQ	130.8010, 29.2020, 21.4420

# Conversions

## Conversions Part 2

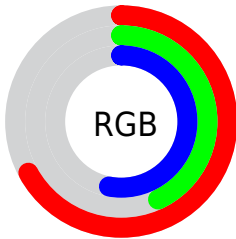
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	172, 109, 135
Decimal	11300231
CIE Lab	53.45, 28.76, -3.78
CIE LCh	53, 29.005, 352.507
Yxy	21.4572, 0.3631, 0.2901
Android (android.graphics.Color)	4289490311 (0xFFAC6D87)
YUV	130.8010, 2.0701, 36.1315
Hunter-Lab	46.3219, 22.4218, -0.4028

# Details

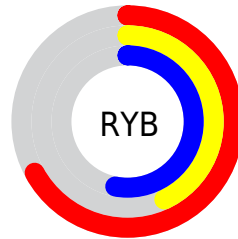
The RGB color **172, 109, 135** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **109, 172, 146**, and the grayscale version is **131, 131, 131**.

A 20% lighter version of the original color is **229, 161, 188**, and **118, 60, 85** is the 20% darker color. If you saturate the color by 10%, you get **172, 92, 125**, and if you desaturate by 10%, it is **172, 126, 145**.

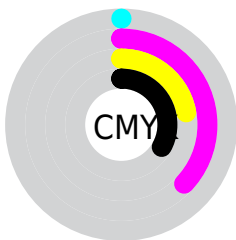
# Distribution



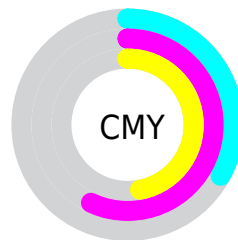
- Red (67%)
- Green (43%)
- Blue (53%)



- Red (67%)
- Yellow (43%)
- Blue (53%)



- Cyan (0%)
- Magenta (37%)
- Yellow (22%)
- Black (33%)




- Cyan (33%)
- Magenta (57%)
- Yellow (47%)

# Brightness & Saturation Gradients


These gradients show how the RGB color 172, 109, 135 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 172, 109, 135 by changing the saturation by 10% instead.



 172, 109, 135


255, 255, 255

 229, 161, 188

 255, 189, 216


 255, 217, 244

 255, 245, 255

 172, 109, 135

 145, 84, 110

 118, 60, 85

 92, 36, 62

 67, 12, 40


 45, 0, 20


 1, 0, 0

 0, 0, 0

 172, 109, 135

 172, 92, 125

 172, 109, 135

 172, 126, 145

172, 75, 115

172, 143, 155

172, 57, 105

172, 161, 165

172, 40, 95

172, 178, 175

172, 23, 84

172, 195, 186

172, 6, 74

172, 212, 196

172, 0, 71

172, 229, 206

172, 247, 216

172, 255, 226

# Harmonies

## Analogous

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



153, 115, 158



172, 109, 135



177, 109, 110

# Triad

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



172, 109, 135



125, 132, 81



42, 138, 167

# Complementary

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



172, 109, 135



109, 172, 146

# 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.



35, 141, 146



172, 109, 135



96, 138, 96

# Square

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



172, 109, 135



150, 124, 78



65, 141, 120



82, 132, 177

# Rectangle

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



172, 109, 135



172, 113, 95



65, 141, 120



34, 139, 161



# Sweetspot

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



172, 109, 135



224, 200, 210



146, 109, 172



112, 98, 104



240, 240, 240



112, 112, 112



# Same Dimension

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



172, 109, 135



224, 126, 166



172, 114, 109



87, 78, 82



150, 0, 62



23, 0, 9



# Inverse Universe

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



172, 109, 135



224, 126, 166



109, 167, 172



87, 78, 82



150, 0, 62

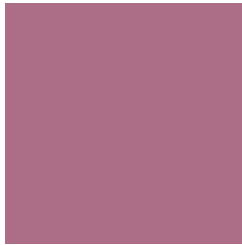


23, 0, 9



# Previews

## White Background



This preview shows how the RGB color 172, 109, 135 looks on a white background.

## Color Contrast Check

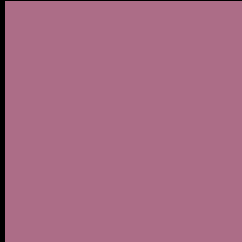
Large Text (above 18pt) WCAG AA ✓ Pass

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 172, 109, 135 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

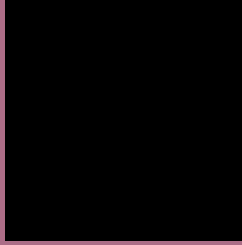
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## RGB 172, 109, 135 Background



This preview shows how black text looks on a background with the RGB color 172, 109, 135.



This preview shows how white text looks on a background with the RGB color 172, 109, 135.

# 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**  
172, 109, 135

**Protanopia**  
125, 127, 146

**Deuteranopia**  
139, 124, 132



**Tritanopia**  
170, 112, 120

# Trichromacy



**Original Color**  
172, 109, 135

**Protanomaly**  
142, 120, 142

**Deuteranomaly**  
151, 119, 133

**Tritanomaly**  
171, 111, 125

# Monochromacy



**Original Color**  
172, 109, 135

**Achromatopsia**  
131, 131, 131

**Achromatomaly**  
146, 123, 132

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 172, 109, 135 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(172, 109, 135)` looks like.

```
.text, #text, p{  
    color:rgb(172, 109, 135)  
}
```

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(172, 109, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 109, 135) }
```

## Border

The CSS property to change the border of an element to RGB 172, 109, 135 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(172, 109, 135) }
```

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

```
.border{ border-color:rgb(172, 109, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 109, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 109, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 109, 135); box-shadow:4px 4px 4px 4px rgb(172, 109, 135) }
```

# Background

The CSS property to change the background color of an element to RGB 172, 109, 135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 109, 135) }
```

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

```
.background{ background-color: rgb(172,  
109, 135) }
```

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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