

Converting Colors

RGB(189, 124, 172)

Have a look what the booklet for
RGB(189, 124, 172) contains.

RGB(189, 124, 172)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(189, 124, 172)

Conversions

Conversions Part 1

Format	Color
Hex	BD7CAC
RGB	189, 124, 172
RGB Percent	74%, 49%, 67%
CMY	0.2588, 0.5137, 0.3255
CMYK	0.00, 0.34, 0.09, 0.26
HSL	316°, 33%, 61%
HSV	316°, 34%, 74%
XYZ	35.6403, 28.2127, 42.5969
YIQ	148.9070, 23.3320, 28.7080

Conversions

Conversions Part 2

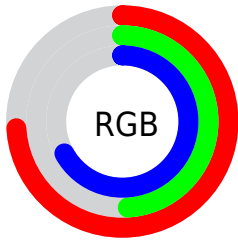
Format	Color
R _Y B	189, 124, 172
Decimal	12418220
CIE Lab	60.08, 32.62, -15.10
CIE LCh	60, 35.948, 335.159
Yxy	28.2127, 0.3348, 0.2650
Android (android.graphics.Color)	4290608300 (0xFFBD7CAC)
YUV	148.9070, 11.3848, 35.1616
Hunter-Lab	53.1156, 26.8203, -10.3676

Details

The RGB color **189, 124, 172** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **124, 189, 141**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **246, 177, 227**, and **134, 74, 120** is the 20% darker color. If you saturate the color by 10%, you get **189, 105, 167**, and if you desaturate by 10%, it is **189, 143, 177**.

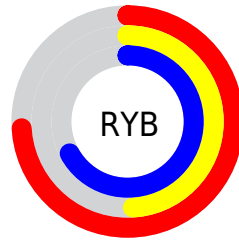
Distribution



Red (74%)

Green (49%)

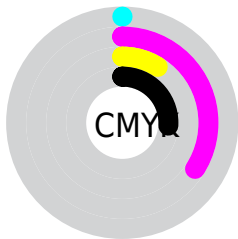
Blue (67%)



Red (74%)

Yellow (49%)

Blue (67%)

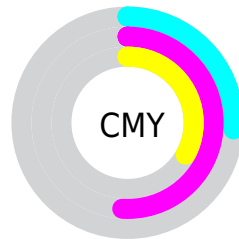


Cyan (0%)

Magenta (34%)

Yellow (9%)

Black (26%)



Cyan (26%)

Magenta (51%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 189, 124, 172 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 189, 124, 172 by changing the saturation by 10% instead.

 189, 124, 172


255, 255, 255

 246, 177, 227

 255, 205, 255

 255, 234, 255

 189, 124, 172

 161, 98, 145

 134, 74, 120

 108, 49, 95

 83, 25, 71

 58, 0, 49

 39, 0, 28

 0, 0, 0

 189, 124, 172


 189, 105, 167

 189, 124, 172

 189, 143, 177

 189, 86, 162

 189, 162, 182

 189, 67, 157

 189, 181, 187

 189, 48, 152

 189, 200, 192

 189, 29, 147

 189, 219, 197

 189, 11, 142

 189, 237, 202

 189, 0, 140

 189, 255, 207

 189, 255, 212

 189, 255, 216

Harmonies

Analogous

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



155, 135, 197



189, 124, 172



205, 120, 140

Triad

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



189, 124, 172



160, 145, 81



0, 160, 180

Complementary

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



189, 124, 172



124, 189, 141

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.



34, 162, 149



189, 124, 172



126, 154, 92

Square

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



189, 124, 172



187, 134, 88



87, 159, 117



41, 155, 202

Rectangle

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



189, 124, 172



206, 122, 120



87, 159, 117



0, 161, 171

Sweetspot

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



189, 124, 172



245, 220, 238



140, 124, 189



122, 108, 119



250, 250, 250



122, 122, 122

Same Dimension

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



189, 124, 172



245, 144, 219



189, 124, 140



94, 85, 92



158, 0, 117



31, 0, 23

Inverse Universe

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



189, 124, 172



245, 144, 219



124, 189, 173



94, 85, 92



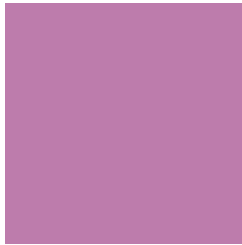
158, 0, 117



31, 0, 23

Previews

White Background



This preview shows how the RGB color 189, 124, 172 looks on a white background.

Color Contrast Check

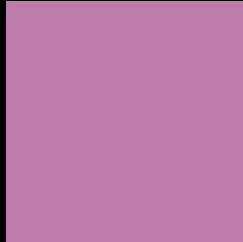
Large Text (above 18pt) WCAG AA ✓ Pass

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 189, 124, 172 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 189, 124, 172 Background



This preview shows how black text looks on a background with the RGB color 189, 124, 172.



This preview shows how white text looks on a background with the RGB color 189, 124, 172.

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
189, 124, 172

Protanopia
134, 144, 186

Deuteranopia
148, 142, 169



Tritanopia
185, 130, 140

Trichromacy



Original Color
189, 124, 172

Protanomaly
154, 137, 181

Deuteranomaly
163, 135, 170

Tritanomaly
186, 128, 152

Monochromacy



Original Color
189, 124, 172

Achromatopsia
149, 149, 149

Achromatomaly
164, 140, 157

CSS Examples

Text

The CSS property to change the color of the text to RGB 189, 124, 172 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(189, 124, 172)` looks like.

```
.text, #text, p{  
    color:rgb(189, 124, 172)  
}
```

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(189, 124, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 124, 172) }
```

Border

The CSS property to change the border of an element to RGB 189, 124, 172 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(189, 124, 172) }
```

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

```
.border{ border-color:rgb(189, 124, 172) }
```

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

Here you see how a box with a 4 pixel rgb(189, 124, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 124, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 124, 172);  
box-shadow:4px 4px 4px 4px rgb(189, 124,  
172) }
```

Background

The CSS property to change the background color of an element to RGB 189, 124, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 124, 172) }
```

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

```
.background{ background-color: rgb(189,  
124, 172) }
```

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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