

# Converting Colors

RGB(193, 130, 171)

Have a look what the booklet for  
RGB(193, 130, 171) contains.

<b>RGB(193, 130, 171)</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(193, 130, 171)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C182AB
RGB	193, 130, 171
RGB Percent	76%, 51%, 67%
CMY	0.2431, 0.4902, 0.3294
CMYK	0.00, 0.33, 0.11, 0.24
HSL	321°, 34%, 63%
HSV	321°, 33%, 76%
XYZ	37.3256, 30.2430, 42.3983
YIQ	153.5110, 24.3870, 26.1070

# Conversions

## Conversions Part 2

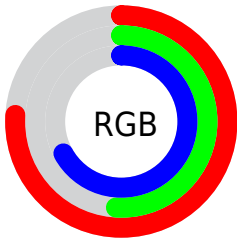
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	193, 130, 171
Decimal	12681899
CIE <sub>Lab</sub>	61.86, 30.53, -11.80
CIE <sub>LCh</sub>	62, 32.734, 338.870
Yxy	30.2430, 0.3394, 0.2750
Android (android.graphics.Color)	4290871979 (0xFFC182AB)
YUV	153.5110, 8.6221, 34.6319
Hunter-Lab	54.9936, 24.9138, -7.2151

# Details

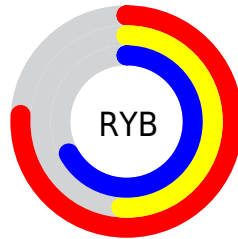
The RGB color **193, 130, 171** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **130, 193, 152**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **250, 184, 226**, and **138, 79, 119** is the 20% darker color. If you saturate the color by 10%, you get **193, 111, 164**, and if you desaturate by 10%, it is **193, 149, 178**.

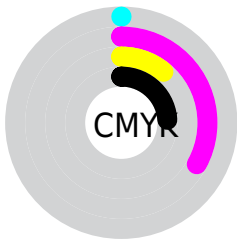
# Distribution



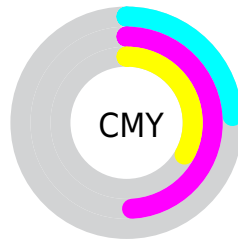
- Red (76%)
- Green (51%)
- Blue (67%)



- Red (76%)
- Yellow (51%)
- Blue (67%)



- Cyan (0%)
- Magenta (33%)
- Yellow (11%)
- Black (24%)



- Cyan (24%)
- Magenta (49%)
- Yellow (33%)

# Brightness & Saturation Gradients


These gradients show how the RGB color 193, 130, 171 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 193, 130, 171 by changing the saturation by 10% instead.



 193, 130, 171

255, 255, 255

 250, 184, 226

 255, 212, 255

 255, 240, 255

 193, 130, 171


 165, 104, 144

 138, 79, 119

 112, 55, 94

 87, 32, 70

 62, 7, 48

 41, 0, 27

 0, 0, 0

 193, 130, 171

 193, 111, 164

 193, 130, 171

 193, 149, 178

193, 91, 158

193, 169, 184

193, 72, 151

193, 188, 191

193, 53, 144

193, 207, 198

193, 33, 137

193, 227, 205

193, 14, 131

193, 246, 211

193, 0, 126

193, 255, 218

193, 255, 225

193, 255, 232

# Harmonies

## Analogous

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



164, 139, 195



193, 130, 171



206, 127, 142

# Triad

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



193, 130, 171



160, 150, 92



37, 163, 185

# Complementary

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



193, 130, 171



130, 193, 152

# 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.



56, 165, 157



193, 130, 171



129, 158, 103

# Square

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



193, 130, 171



186, 141, 96



93, 163, 128



74, 158, 203

# Rectangle

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



193, 130, 171



205, 129, 123



93, 163, 128



37, 164, 176



# Sweetspot

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



193, 130, 171



250, 225, 241



151, 130, 193



125, 110, 120



252, 252, 252



125, 125, 125



# Same Dimension

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



193, 130, 171



250, 152, 216



193, 130, 141



97, 87, 94



161, 0, 105



33, 0, 22



# Inverse Universe

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



193, 130, 171



250, 152, 216



130, 193, 182



97, 87, 94



161, 0, 105



33, 0, 22



# Previews

## White Background



This preview shows how the RGB color 193, 130, 171 looks on a white background.

## Color Contrast Check

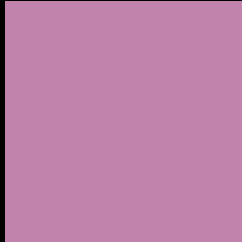
Large Text (above 18pt) WCAG AA × Fail

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 193, 130, 171 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

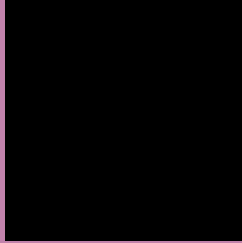
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 193, 130, 171 Background



This preview shows how black text looks on a background with the RGB color 193, 130, 171.



This preview shows how white text looks on a background with the RGB color 193, 130, 171.

# 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**  
193, 130, 171

**Protanopia**  
142, 148, 183

**Deuteranopia**  
156, 146, 168



**Tritanopia**  
190, 135, 145

# Trichromacy



**Original Color**  
193, 130, 171

**Protanomaly**  
161, 141, 179

**Deuteranomaly**  
169, 140, 169

**Tritanomaly**  
191, 133, 154

# Monochromacy



**Original Color**  
193, 130, 171

**Achromatopsia**  
154, 154, 154

**Achromatomaly**  
168, 145, 160

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 193, 130, 171 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(193, 130, 171)` looks like.

```
.text, #text, p{  
    color:rgb(193, 130, 171)  
}
```

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(193, 130, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 130, 171) }
```

## Border

The CSS property to change the border of an element to RGB 193, 130, 171 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(193, 130, 171) }
```

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

```
.border{ border-color:rgb(193, 130, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 130, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 130, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 130, 171);  
box-shadow:4px 4px 4px 4px rgb(193, 130,  
171) }
```

# Background

The CSS property to change the background color of an element to RGB 193, 130, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 130, 171) }
```

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

```
.background{ background-color: rgb(193,  
130, 171) }
```

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