

# Converting Colors

`RYB(183, 141, 197)`

Have a look what the booklet for RYB(183, 141, 197) contains.

<b>RYB(183, 141, 197)</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

**R<sub>Y</sub>B(183, 141, 197)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B78DC5
RGB	183, 141, 197
RGB Percent	72%, 55%, 77%
CMY	0.2824, 0.4471, 0.2275
CMYK	0.07, 0.28, 0.00, 0.23
HSL	285°, 33%, 66%
HSV	285°, 28%, 77%
XYZ	39.1314, 33.1483, 57.1591
YIQ	159.9420, 7.0560, 26.3200

# Conversions

## Conversions Part 2

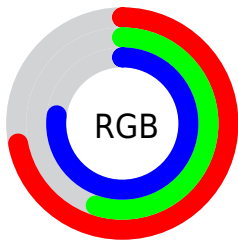
<b>Format</b>	<b>Color</b>
<b>RYB</b>	183, 141, 197
Decimal	12029381
CIELab	64.28, 25.92, -22.92
CIELCh	64, 34.606, 318.515
Yxy	33.1483, 0.3023, 0.2561
Android (android.graphics.Color)	4290219461 (0xFFB78DC5)
YUV	159.9420, 18.2696, 20.2219
Hunter-Lab	57.5745, 20.5647, -18.5601

# Details

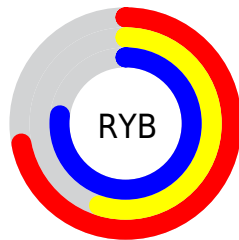
The RYB color **183, 141, 197** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **141, 197, 183**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **239, 195, 254**, and **129, 90, 143** is the 20% darker color. If you saturate the color by 10%, you get **178, 121, 197**, and if you desaturate by 10%, it is **188, 161, 197**.

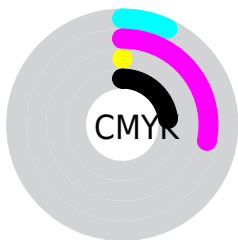
# Distribution



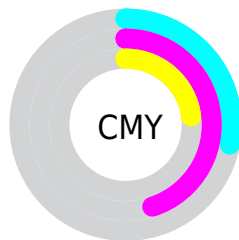
- Red (72%)
- Green (55%)
- Blue (77%)



- Red (72%)
- Yellow (55%)
- Blue (77%)



- Cyan (7%)
- Magenta (28%)
- Yellow (0%)
- Black (23%)



- Cyan (28%)
- Magenta (45%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 183, 141, 197 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 RYB color 183, 141, 197 by changing the saturation by 10% instead.



 183, 141, 197


255, 255, 255

 239, 195, 254

 255, 223, 255

 255, 252, 255

 183, 141, 197

 156, 115, 170

 129, 90, 143

 104, 66, 117

 79, 43, 92

 55, 21, 69

 33, 0, 46

 0, 0, 25

 0, 0, 0

 183, 141, 197


 183, 141, 197

 178, 121, 197


 188, 161, 197

 173, 102, 197

 193, 180, 197

 168, 82, 197


 197, 200, 199

 163, 62, 197

 197, 220, 214

 158, 43, 197

 197, 240, 229

 153, 23, 197

 197, 255, 239

 149, 3, 197

 197, 255, 235

 148, 0, 197

 197, 255, 230

 197, 255, 225

# Harmonies

## Analogous

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



142, 151, 214



183, 141, 197



208, 133, 169

# Triad

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



183, 141, 197



157, 187, 95



40, 106, 174

# Complementary

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



183, 141, 197



141, 197, 183

# 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.



82, 136, 172



183, 141, 197



96, 160, 99

# Square

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



183, 141, 197



208, 150, 111



114, 167, 159



39, 111, 201

# Rectangle

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



183, 141, 197



216, 132, 148



114, 167, 159



54, 115, 172



# Sweetspot

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



183, 141, 197



249, 232, 255



141, 152, 197



124, 113, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



183, 141, 197



233, 168, 255



197, 141, 183



97, 90, 99



122, 0, 163



27, 0, 36



# Inverse Universe

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



197, 141, 155



255, 168, 190



141, 186, 197



99, 90, 92



163, 0, 41

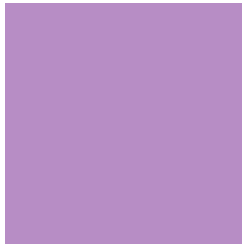


36, 0, 9



# Previews

## White Background



This preview shows how the RYB color 183, 141, 197 looks on a white background.

## Color Contrast Check

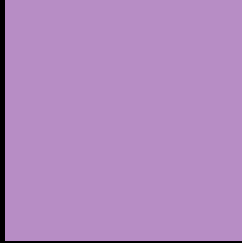
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the RYB color 183, 141, 197 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

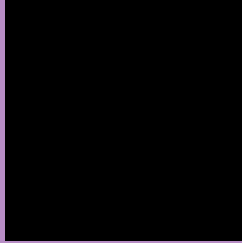
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RYB 183, 141, 197 Background



This preview shows how black text looks on a background with the RYB color 183, 141, 197.



This preview shows how white text looks on a background with the RYB color 183, 141, 197.

# 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**  
183, 141, 197

**Protanopia**  
142, 152, 207

**Deuteranopia**  
151, 153, 195



**Tritanopia**  
177, 148, 160

# Trichromacy



**Original Color**  
183, 141, 197

**Protanomaly**  
157, 149, 203

**Deuteranomaly**  
163, 149, 196

**Tritanomaly**  
179, 145, 173

# Monochromacy



**Original Color**  
183, 141, 197

**Achromatopsia**  
160, 160, 160

**Achromatomaly**  
168, 153, 173

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 183, 141, 197 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(183, 141, 197)` looks like.

```
.text, #text, p{  
    color:rgb(183, 141, 197)  
}
```

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(183, 141, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 141, 197) }
```

## Border

The CSS property to change the border of an element to RYB 183, 141, 197 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(183, 141, 197) }
```

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

```
.border{ border-color:rgb(183, 141, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 141, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 141, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 141, 197);  
box-shadow:4px 4px 4px 4px rgb(183, 141,  
197) }
```

# Background

The CSS property to change the background color of an element to RYB 183, 141, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 141, 197) }
```

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

```
.background{ background-color: rgb(183,  
141, 197) }
```

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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