

Converting Colors

`RYB(183, 161, 217)`

Have a look what the booklet for RYB(183, 161, 217) contains.

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Color

R_YB(183, 161, 217)

Conversions

Conversions Part 1

Format	Color
Hex	B7A1D9
RGB	183, 161, 217
RGB Percent	72%, 63%, 85%
CMY	0.2824, 0.3686, 0.1490
CMYK	0.16, 0.26, 0.00, 0.15
HSL	264°, 42%, 74%
HSV	264°, 26%, 85%
XYZ	44.7977, 40.5668, 71.1147
YIQ	173.9620, -4.8640, 22.0800

Conversions

Conversions Part 2

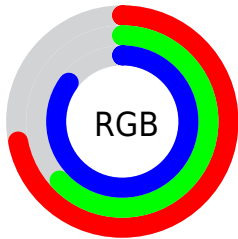
Format	Color
RYB	183, 161, 217
Decimal	12034521
CIELab	69.87, 18.98, -25.47
CIELCh	70, 31.764, 306.689
Yxy	40.5668, 0.2863, 0.2592
Android (android.graphics.Color)	4290224601 (0xFFB7A1D9)
YUV	173.9620, 21.2177, 7.9263
Hunter-Lab	63.6920, 14.0866, -21.6152

Details

The RYB color **183, 161, 217** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **161, 217, 183**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **239, 216, 255**, and **129, 109, 162** is the 20% darker color. If you saturate the color by 10%, you get **170, 139, 217**, and if you desaturate by 10%, it is **196, 183, 217**.

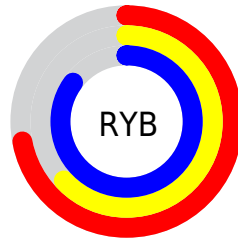
Distribution



Red (72%)

Green (63%)

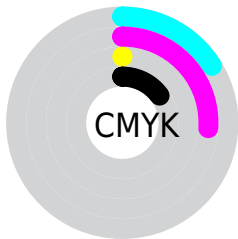
Blue (85%)



Red (72%)

Yellow (63%)

Blue (85%)

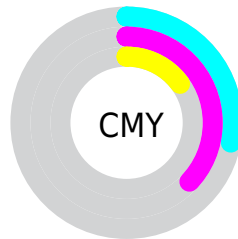


Cyan (16%)

Magenta (26%)

Yellow (0%)

Black (15%)



Cyan (28%)

Magenta (37%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RYB color 183, 161, 217 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, 161, 217 by changing the saturation by 10% instead.

 183, 161, 217

255, 255, 255

 239, 216, 255

 255, 244, 255

 183, 161, 217

 156, 135, 189

 129, 109, 162

 104, 85, 136

 79, 62, 110

 55, 39, 86

 32, 19, 62

 14, 0, 40

 0, 1, 18

 0, 0, 0

■ 183, 161, 217

■ 183, 161, 217

■ 170, 139, 217

■ 196, 183, 217

■ 157, 118, 217

■ 209, 204, 217

■ 143, 96, 217

■ 217, 226, 220

■ 130, 74, 217

■ 217, 248, 229

■ 117, 52, 217

■ 217, 255, 223

■ 104, 31, 217

■ 217, 255, 217

■ 91, 9, 217

■ 85, 0, 217

Harmonies

Analogous

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



142, 164, 228



183, 161, 217



213, 152, 194

Triad

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



183, 161, 217



210, 199, 118



87, 140, 187

Complementary

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



183, 161, 217



161, 217, 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.



119, 165, 185



183, 161, 217



129, 184, 113

Square

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



183, 161, 217



225, 156, 138



124, 179, 150



74, 134, 204

Rectangle

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



183, 161, 217



224, 149, 175



124, 179, 150



97, 147, 186

Sweetspot

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



183, 161, 217



243, 235, 255



161, 183, 217



120, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



183, 161, 217



207, 176, 255



210, 161, 217



103, 99, 110



68, 0, 173



18, 0, 46

Inverse Universe

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



217, 161, 195



255, 176, 224



161, 217, 210



110, 99, 105



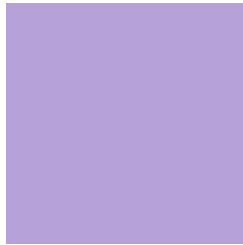
173, 0, 105



46, 0, 28

Previews

White Background



This preview shows how the RYB color 183, 161, 217 looks on a white background.

Color Contrast Check

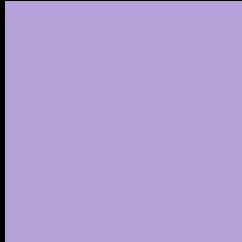
Large Text (above 18pt) WCAG AA × Fail

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, 161, 217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

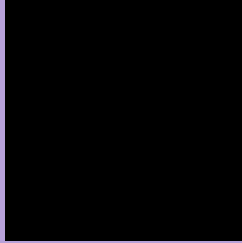
Any Text WCAG AA ✓ Pass

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, 161, 217 Background



This preview shows how black text looks on a background with the RYB color 183, 161, 217.



This preview shows how white text looks on a background with the RYB color 183, 161, 217.

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, 161, 217

Protanopia
156, 167, 223

Deuteranopia
164, 168, 216



Tritanopia
177, 168, 181

Trichromacy



Original Color
183, 161, 217

Protanomaly
166, 166, 221

Deuteranomaly
171, 165, 216

Tritanomaly
179, 165, 194

Monochromacy



Original Color
183, 161, 217

Achromatopsia
174, 174, 174

Achromatomaly
177, 169, 190

CSS Examples

Text

The CSS property to change the color of the text to RYB 183, 161, 217 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, 161, 217)` looks like.

```
.text, #text, p{  
    color:rgb(183, 161, 217)  
}
```

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, 161, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 161, 217) }
```

Border

The CSS property to change the border of an element to RYB 183, 161, 217 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, 161, 217) }
```

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

```
.border{ border-color:rgb(183, 161, 217) }
```

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

Here you see how a box with a 4 pixel rgb(183, 161, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 161, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 161, 217);  
box-shadow:4px 4px 4px 4px rgb(183, 161,  
217) }
```

Background

The CSS property to change the background color of an element to RYB 183, 161, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 161, 217) }
```

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

```
.background{ background-color: rgb(183,  
161, 217) }
```

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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