

Converting Colors

`RYB(184, 161, 206)`

Have a look what the booklet for RYB(184, 161, 206) contains.

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Color

R_YB(184, 161, 206)

Conversions

Conversions Part 1

Format	Color
Hex	B8A1CE
RGB	184, 161, 206
RGB Percent	72%, 63%, 81%
CMY	0.2784, 0.3686, 0.1922
CMYK	0.11, 0.22, 0.00, 0.19
HSL	271°, 31%, 72%
HSV	271°, 22%, 81%
XYZ	43.6526, 40.1363, 63.8389
YIQ	173.0070, -0.7370, 18.8710

Conversions

Conversions Part 2

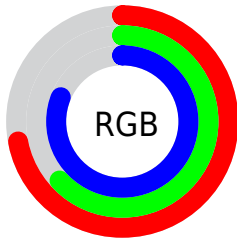
Format	Color
RYB	184, 161, 206
Decimal	12100046
CIELab	69.57, 16.95, -19.86
CIELCh	70, 26.112, 310.469
Yxy	40.1363, 0.2957, 0.2719
Android (android.graphics.Color)	4290290126 (0xFFB8A1CE)
YUV	173.0070, 16.2655, 9.6409
Hunter-Lab	63.3532, 12.1247, -15.3972

Details

The RYB color **184, 161, 206** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **161, 206, 184**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **240, 216, 255**, and **131, 109, 152** is the 20% darker color. If you saturate the color by 10%, you get **174, 140, 206**, and if you desaturate by 10%, it is **194, 182, 206**.

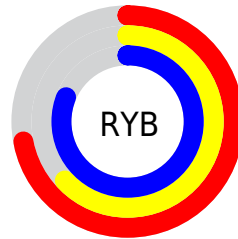
Distribution



Red (72%)

Green (63%)

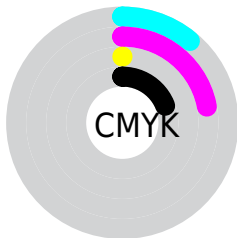
Blue (81%)



Red (72%)

Yellow (63%)

Blue (81%)

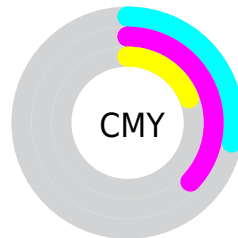


Cyan (11%)

Magenta (22%)

Yellow (0%)

Black (19%)



Cyan (28%)


Magenta (37%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RYB color 184, 161, 206 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 184, 161, 206 by changing the saturation by 10% instead.


 184, 161, 206


255, 255, 255

 240, 216, 255


 255, 244, 255

 184, 161, 206

 157, 135, 178

 131, 109, 152

 105, 85, 126

 81, 62, 101


 57, 39, 76

 35, 19, 54


 16, 0, 33


 0, 0, 5


 0, 0, 0

 184, 161, 206

 184, 161, 206

 174, 140, 206


 194, 182, 206

 164, 120, 206

 204, 202, 206

 154, 99, 206

 206, 223, 215

 144, 79, 206


 206, 243, 225

 134, 58, 206

 206, 255, 227

 124, 37, 206

 206, 255, 217

 114, 17, 206

 206, 255, 207

 105, 0, 206

 206, 255, 206

Harmonies

Analogous

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



152, 165, 216



184, 161, 206



207, 155, 186

Triad

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



184, 161, 206



201, 199, 126



104, 145, 183

Complementary

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



184, 161, 206



161, 206, 184

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.



125, 163, 182



184, 161, 206



132, 179, 123

Square

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



184, 161, 206



215, 160, 140



133, 178, 159



100, 145, 200

Rectangle

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



184, 161, 206



216, 153, 170



133, 178, 159



110, 150, 183

Sweetspot

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



184, 161, 206



246, 237, 255



161, 176, 206



123, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



184, 161, 206



223, 189, 255



206, 161, 206



97, 92, 102



85, 0, 166



20, 0, 38

Inverse Universe

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



206, 161, 183



255, 189, 221



161, 206, 206



102, 92, 97



166, 0, 81



38, 0, 19

Previews

White Background



This preview shows how the RYB color 184, 161, 206 looks on a white background.

Color Contrast Check

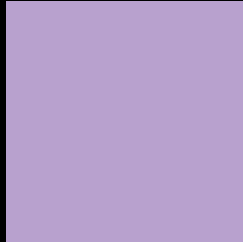
Large Text (above 18pt) WCAG AA × Fail

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 184, 161, 206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

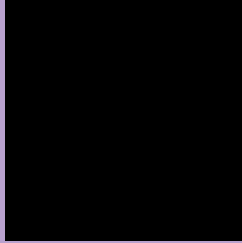
Any Text WCAG AA ✓ Pass

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 184, 161, 206 Background



This preview shows how black text looks on a background with the RYB color 184, 161, 206.



This preview shows how white text looks on a background with the RYB color 184, 161, 206.

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

184, 161, 206

Protanopia

160, 167, 211

Deuteranopia

169, 166, 205



Tritanopia
180, 166, 179

Trichromacy



Original Color
184, 161, 206

Protanomaly
169, 165, 209

Deuteranomaly
174, 164, 205

Tritanomaly
181, 164, 189

Monochromacy



Original Color
184, 161, 206

Achromatopsia
173, 173, 173

Achromatomaly
177, 169, 185

CSS Examples

Text

The CSS property to change the color of the text to RYB 184, 161, 206 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(184, 161, 206)` looks like.

```
.text, #text, p{  
    color:rgb(184, 161, 206)  
}
```

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(184, 161, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 161, 206) }
```

Border

The CSS property to change the border of an element to RYB 184, 161, 206 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(184, 161, 206) }
```

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

```
.border{ border-color:rgb(184, 161, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 161, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 161, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 161, 206);  
box-shadow:4px 4px 4px 4px rgb(184, 161,  
206) }
```

Background

The CSS property to change the background color of an element to RYB 184, 161, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 161, 206) }
```

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

```
.background{ background-color: rgb(184,  
161, 206) }
```

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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