

Converting Colors

`RYB(191, 159, 226)`

Have a look what the booklet for RYB(191, 159, 226) contains.

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Color

R_YB(191, 159, 226)

Conversions

Conversions Part 1

Format	Color
Hex	BF9FE2
RGB	191, 159, 226
RGB Percent	75%, 62%, 89%
CMY	0.2510, 0.3765, 0.1137
CMYK	0.15, 0.30, 0.00, 0.11
HSL	269°, 54%, 75%
HSV	269°, 30%, 89%
XYZ	47.6115, 41.3636, 77.4261
YIQ	176.2060, -2.4350, 27.6210

Conversions

Conversions Part 2

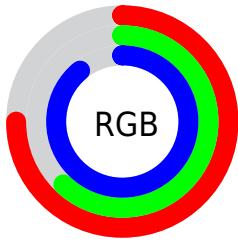
Format	Color
RYB	191, 159, 226
Decimal	12558306
CIELab	70.43, 24.55, -29.50
CIELCh	70, 38.378, 309.773
Yxy	41.3636, 0.2861, 0.2486
Android (android.graphics.Color)	4290748386 (0xFFBF9FE2)
YUV	176.2060, 24.5484, 12.9743
Hunter-Lab	64.3146, 19.5914, -26.3570

Details

The RYB color **191, 159, 226** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **159, 226, 191**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **248, 214, 255**, and **137, 107, 170** is the 20% darker color. If you saturate the color by 10%, you get **179, 136, 226**, and if you desaturate by 10%, it is **203, 182, 226**.

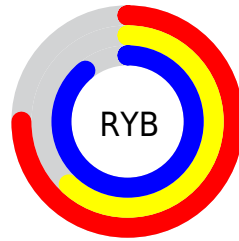
Distribution



Red (75%)

Green (62%)

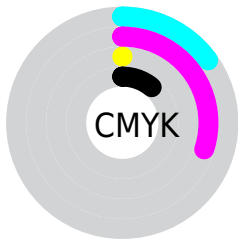
Blue (89%)



Red (75%)

Yellow (62%)

Blue (89%)

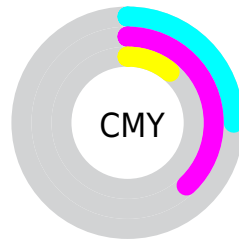


Cyan (15%)

Magenta (30%)

Yellow (0%)

Black (11%)



Cyan (25%)


Magenta (38%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 191, 159, 226 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 191, 159, 226 by changing the saturation by 10% instead.


 191, 159, 226

255, 255, 255


 248, 214, 255

 255, 242, 255


 191, 159, 226

 163, 133, 198

 137, 107, 170

 111, 83, 144

 85, 59, 118

 61, 37, 93

 37, 16, 69

 20, 0, 47

 0, 1, 25

 0, 0, 0

■ 191, 159, 226

■ 191, 159, 226

■ 179, 136, 226

■ 203, 182, 226

■ 167, 114, 226

■ 215, 204, 226

■ 156, 91, 226

■ 226, 227, 227

■ 144, 69, 226

■ 226, 249, 237

■ 132, 46, 226

■ 226, 255, 231

■ 120, 23, 226

■ 226, 255, 226

■ 108, 1, 226

■ 108, 0, 226

Harmonies

Analogous

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



140, 164, 241



191, 159, 226



225, 148, 197

Triad

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



191, 159, 226



211, 215, 107



51, 123, 191

Complementary

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



191, 159, 226



159, 226, 191

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.



102, 159, 189



191, 159, 226



113, 184, 102

Square

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



191, 159, 226



235, 157, 129



117, 183, 154



13, 107, 216

Rectangle

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



191, 159, 226



237, 145, 174



117, 183, 154



69, 135, 191

Sweetspot

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



191, 159, 226



243, 232, 255



159, 182, 226



120, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



191, 159, 226



207, 163, 255



224, 159, 226



106, 101, 112



84, 0, 176



23, 0, 48

Inverse Universe

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



226, 159, 194



255, 163, 211



159, 226, 224



112, 101, 107



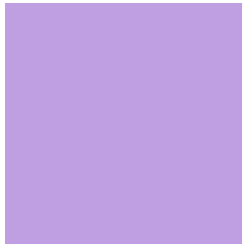
176, 0, 92



48, 0, 25

Previews

White Background



This preview shows how the RYB color 191, 159, 226 looks on a white background.

Color Contrast Check

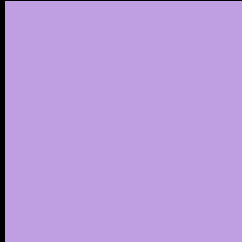
Large Text (above 18pt) WCAG AA × Fail

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 191, 159, 226 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 191, 159, 226 Background



This preview shows how black text looks on a background with the RYB color 191, 159, 226.



This preview shows how white text looks on a background with the RYB color 191, 159, 226.

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
191, 159, 226

Protanopia
154, 167, 234

Deuteranopia
161, 168, 224



Tritanopia
184, 168, 181

Trichromacy



Original Color
191, 159, 226

Protanomaly
167, 166, 231

Deuteranomaly
172, 165, 225

Tritanomaly
187, 165, 197

Monochromacy



Original Color
191, 159, 226

Achromatopsia
176, 176, 176

Achromatomaly
181, 170, 194

CSS Examples

Text

The CSS property to change the color of the text to RYB 191, 159, 226 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(191, 159, 226)` looks like.

```
.text, #text, p{  
    color:rgb(191, 159, 226)  
}
```

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(191, 159, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 159, 226) }
```

Border

The CSS property to change the border of an element to RYB 191, 159, 226 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(191, 159, 226) }
```

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

```
.border{ border-color:rgb(191, 159, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 159, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 159, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 159, 226);  
box-shadow:4px 4px 4px 4px rgb(191, 159,  
226) }
```

Background

The CSS property to change the background color of an element to RYB 191, 159, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 159, 226) }
```

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

```
.background{ background-color: rgb(191,  
159, 226) }
```

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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