

Converting Colors

`RYB(219, 131, 199)`

Have a look what the booklet for
RYB(219, 131, 199) contains.

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Color

`RYB(219, 131, 199)`

Conversions

Conversions Part 1

Format	Color
Hex	DB83C7
RGB	219, 131, 199
RGB Percent	86%, 51%, 78%
CMY	0.1412, 0.4863, 0.2196
CMYK	0.00, 0.40, 0.09, 0.14
HSL	314°, 55%, 69%
HSV	314°, 40%, 86%
XYZ	47.6385, 35.4162, 58.3580
YIQ	165.0640, 30.6200, 39.8040

Conversions

Conversions Part 2

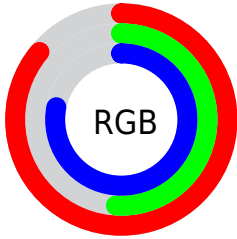
Format	Color
RYB	219, 131, 199
Decimal	14386119
CIELab	66.07, 43.41, -20.96
CIELCh	66, 48.207, 334.233
Yxy	35.4162, 0.3369, 0.2504
Android (android.graphics.Color)	4292576199 (0xFFDB83C7)
YUV	165.0640, 16.7304, 47.3019
Hunter-Lab	59.5115, 38.7428, -16.4828

Details

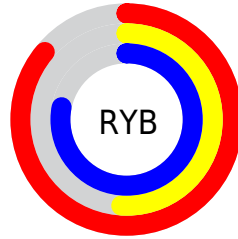
The RYB color **219, 131, 199** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **131, 203, 219**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **255, 186, 255**, and **162, 79, 145** is the 20% darker color. If you saturate the color by 10%, you get **219, 109, 194**, and if you desaturate by 10%, it is **219, 153, 204**.

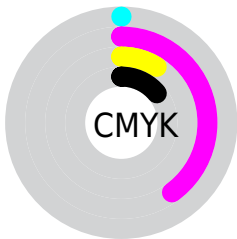
Distribution



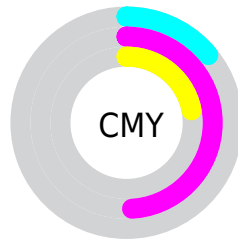
- Red (86%)
- Green (51%)
- Blue (78%)



- Red (86%)
- Yellow (51%)
- Blue (78%)



- Cyan (0%)
- Magenta (40%)
- Yellow (9%)
- Black (14%)



- Cyan (14%)
- Magenta (49%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 219, 131, 199 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 219, 131, 199 by changing the saturation by 10% instead.

 219, 131, 199


255, 255, 255

 255, 186, 255

 255, 214, 255

 255, 243, 255

 219, 131, 199

 190, 105, 172

 162, 79, 145

 135, 53, 119

 108, 26, 94

 82, 0, 70

 57, 0, 48

 34, 0, 27

 0, 0, 0

 219, 131, 199

 219, 131, 199

■ 219, 109, 194

■ 219, 153, 204

■ 219, 87, 189

■ 219, 175, 209

■ 219, 65, 184

■ 219, 197, 214

■ 219, 43, 179

■ 219, 219, 219

■ 219, 21, 174

■ 219, 237, 241

■ 219, 0, 169

■ 219, 247, 255

■ 219, 244, 255

■ 219, 242, 255

■ 219, 240, 255

Harmonies

Analogous

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



172, 147, 232



219, 131, 199



241, 124, 156

Triad

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



219, 131, 199



95, 180, 71



0, 97, 208

Complementary

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



219, 131, 199



131, 203, 219

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.



0, 96, 183



219, 131, 199



86, 172, 123

Square

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



219, 131, 199



216, 199, 83



76, 149, 180



0, 101, 238

Rectangle

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



219, 131, 199



241, 127, 127



76, 149, 180



0, 94, 195

Sweetspot

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



219, 131, 199



255, 224, 248



150, 131, 219



128, 110, 123



0, 0, 0



128, 128, 128

Same Dimension

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



219, 131, 199



255, 133, 227



219, 131, 156



110, 99, 107



173, 0, 134



46, 0, 35

Inverse Universe

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



219, 131, 199



255, 133, 227



131, 182, 219



110, 99, 107



173, 0, 134



46, 0, 35

Previews

White Background



This preview shows how the RYB color 219, 131, 199 looks on a white background.

Color Contrast Check

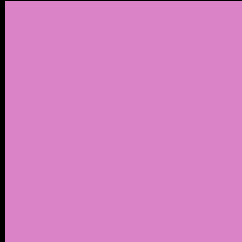
Large Text (above 18pt) WCAG AA × Fail

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 219, 131, 199 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 219, 131, 199 Background



This preview shows how black text looks on a background with the RYB color 219, 131, 199.



This preview shows how white text looks on a background with the RYB color 219, 131, 199.

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
219, 131, 199

Protanopia
143, 156, 219

Deuteranopia
160, 157, 194



Tritanopia
213, 141, 151

Trichromacy



Original Color
219, 131, 199



Protanomaly
171, 149, 212



Deuteranomaly
181, 148, 196

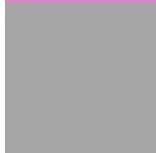


Tritanomaly
215, 137, 168

Monochromacy



Original Color
219, 131, 199



Achromatopsia
165, 165, 165



Achromatomaly
185, 153, 177

CSS Examples

Text

The CSS property to change the color of the text to RYB 219, 131, 199 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(219, 131, 199)` looks like.

```
.text, #text, p{  
    color:rgb(219, 131, 199)  
}
```

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(219, 131, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 131, 199) }
```

Border

The CSS property to change the border of an element to RYB 219, 131, 199 is called "border". The border property can be set on classes, ids or directly on the HTML element.

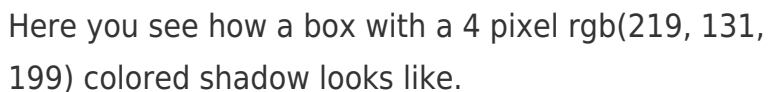
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(219, 131, 199) }
```

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

```
.border{ border-color:rgb(219, 131, 199) }
```

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



Here you see how a box with a 4 pixel `rgb(219, 131, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 131, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 131, 199); box-shadow:4px 4px 4px 4px rgb(219, 131, 199) }
```

Background

The CSS property to change the background color of an element to RGB 219, 131, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 131, 199) }
```

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

```
.background{ background-color: rgb(219,  
131, 199) }
```

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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