

Converting Colors

`RYB(218, 179, 234)`

Have a look what the booklet for
RYB(218, 179, 234) contains.

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Color

R_YB(218, 179, 234)

Conversions

Conversions Part 1

Format	Color
Hex	DAB3EA
RGB	218, 179, 234
RGB Percent	85%, 70%, 92%
CMY	0.1451, 0.2980, 0.0824
CMYK	0.07, 0.24, 0.00, 0.08
HSL	283°, 57%, 81%
HSV	283°, 24%, 92%
XYZ	59.8848, 53.0861, 84.9323
YIQ	196.9310, 5.5890, 25.3730

Conversions

Conversions Part 2

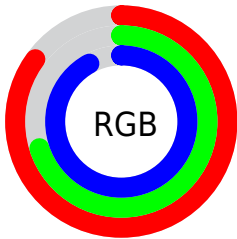
Format	Color
R _{YB}	218, 179, 234
Decimal	14332906
CIE _{Lab}	77.93, 23.79, -22.16
CIE _{LCh}	78, 32.516, 317.026
Yxy	53.0861, 0.3026, 0.2682
Android (android.graphics.Color)	4292522986 (0xFFDAB3EA)
YUV	196.9310, 18.2750, 18.4775
Hunter-Lab	72.8602, 19.2062, -18.1115

Details

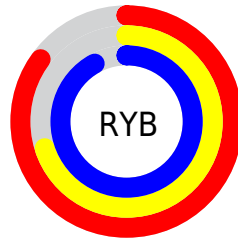
The RYB color **218, 179, 234** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **179, 234, 218**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is **255, 235, 255**, and **163, 126, 178** is the 20% darker color. If you saturate the color by 10%, you get **211, 156, 234**, and if you desaturate by 10%, it is **225, 202, 234**.

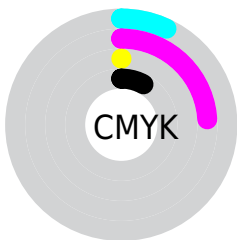
Distribution



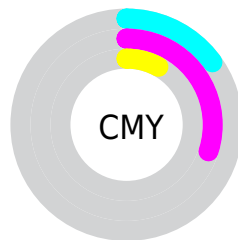
- Red (85%)
- Green (70%)
- Blue (92%)



- Red (85%)
- Yellow (70%)
- Blue (92%)



- Cyan (7%)
- Magenta (24%)
- Yellow (0%)
- Black (8%)



- Cyan (15%)
- Magenta (30%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RYB color 218, 179, 234 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 218, 179, 234 by changing the saturation by 10% instead.

■ 218, 179, 234

255, 255, 255

■ 255, 235, 255

■ 218, 179, 234

■ 190, 152, 206

■ 163, 126, 178

■ 136, 101, 151

■ 110, 76, 125

■ 85, 53, 100

■ 61, 31, 76


■ 38, 9, 53

■ 16, 0, 32


■ 0, 0, 3

 218, 179, 234

 218, 179, 234

 211, 156, 234


 225, 202, 234

 204, 132, 234


 232, 226, 234

 198, 109, 234

 234, 249, 245

 191, 85, 234


 234, 255, 244

 184, 62, 234

 234, 255, 237

 177, 39, 234

 234, 255, 234

 170, 15, 234

 166, 0, 234

Harmonies

Analogous

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



179, 189, 250



218, 179, 234



244, 172, 207

Triad

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



218, 179, 234



205, 226, 134



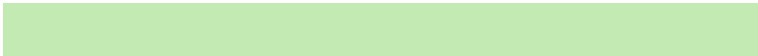
100, 155, 209

Complementary

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



218, 179, 234



179, 234, 218

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.



127, 177, 208



218, 179, 234



134, 196, 134

Square

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



218, 179, 234



246, 188, 150



151, 204, 193



101, 160, 236

Rectangle

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



218, 179, 234



252, 170, 187



151, 204, 193



107, 161, 209

Sweetspot

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



218, 179, 234



250, 237, 255



179, 191, 234



125, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



218, 179, 234



234, 184, 255



234, 179, 223



114, 106, 117



128, 0, 181



38, 0, 54

Inverse Universe

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



234, 179, 195



255, 184, 204



179, 225, 234



117, 106, 109



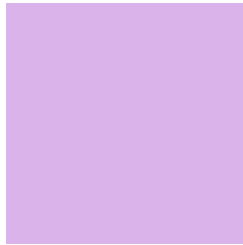
181, 0, 53



54, 0, 16

Previews

White Background



This preview shows how the RYB color 218, 179, 234 looks on a white background.

Color Contrast Check

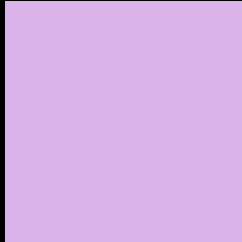
Large Text (above 18pt) WCAG AA × Fail

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 218, 179, 234 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 218, 179, 234 Background



This preview shows how black text looks on a background with the RYB color 218, 179, 234.



This preview shows how white text looks on a background with the RYB color 218, 179, 234.

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
218, 179, 234

Protanopia
180, 189, 242

Deuteranopia
192, 189, 232



Tritanopia
213, 185, 200

Trichromacy



Original Color
218, 179, 234

Protanomaly
194, 187, 239

Deuteranomaly
201, 185, 233

Tritanomaly
215, 183, 212

Monochromacy



Original Color
218, 179, 234

Achromatopsia
197, 197, 197

Achromatomaly
205, 190, 210

CSS Examples

Text

The CSS property to change the color of the text to RYB 218, 179, 234 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(218, 179, 234) looks like.

```
.text, #text, p{  
    color:rgb(218, 179, 234)  
}
```

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(218, 179, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 179, 234) }
```

Border

The CSS property to change the border of an element to RYB 218, 179, 234 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(218, 179, 234) }
```

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

```
.border{ border-color:rgb(218, 179, 234) }
```

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

Here you see how a box with a 4 pixel rgb(218, 179, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 179, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 179, 234);  
box-shadow:4px 4px 4px 4px rgb(218, 179,  
234) }
```

Background

The CSS property to change the background color of an element to RYB 218, 179, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 179, 234) }
```

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

```
.background{ background-color: rgb(218,  
179, 234) }
```

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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