

Converting Colors

`RYB(219, 176, 232)`

Have a look what the booklet for
RYB(219, 176, 232) contains.

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Color

R_YB(219, 176, 232)

Conversions

Conversions Part 1

Format	Color
Hex	DBB0E8
RGB	219, 176, 232
RGB Percent	86%, 69%, 91%
CMY	0.1412, 0.3098, 0.0902
CMYK	0.06, 0.24, 0.00, 0.09
HSL	286°, 55%, 80%
HSV	286°, 24%, 91%
XYZ	59.3042, 51.9369, 83.2431
YIQ	195.2410, 7.6520, 26.5320

Conversions

Conversions Part 2

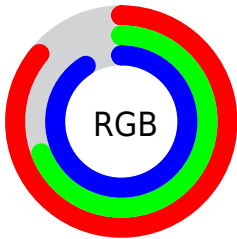
Format	Color
RYB	219, 176, 232
Decimal	14397672
CIELab	77.24, 25.34, -22.11
CIELCh	77, 33.635, 318.894
Yxy	51.9369, 0.3049, 0.2670
Android (android.graphics.Color)	4292587752 (0xFFDDBB0E8)
YUV	195.2410, 18.1222, 20.8366
Hunter-Lab	72.0673, 20.7701, -18.0373

Details

The RYB color **219, 176, 232** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **176, 232, 219**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **255, 232, 255**, and **164, 123, 176** is the 20% darker color. If you saturate the color by 10%, you get **214, 153, 232**, and if you desaturate by 10%, it is **224, 199, 232**.

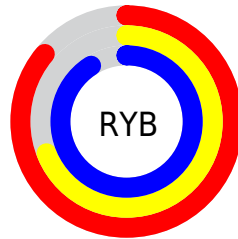
Distribution



Red (86%)

Green (69%)

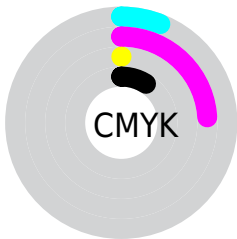
Blue (91%)



Red (86%)

Yellow (69%)

Blue (91%)

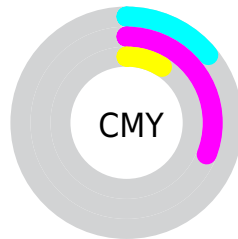


Cyan (6%)

Magenta (24%)

Yellow (0%)

Black (9%)



Cyan (14%)

Magenta (31%)

Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the RYB color 219, 176, 232 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, 176, 232 by changing the saturation by 10% instead.


 219, 176, 232

 219, 176, 232


255, 255, 255

 191, 149, 204

 255, 232, 255

 164, 123, 176


 137, 98, 149

 111, 74, 124

 86, 50, 98

 62, 28, 74

 39, 6, 52

 14, 0, 30

 0, 0, 0

219, 176, 232

219, 176, 232

214, 153, 232

224, 199, 232

208, 130, 232

230, 222, 232

203, 106, 232

232, 246, 243

197, 83, 232

232, 255, 246

192, 60, 232

232, 255, 241

187, 37, 232

232, 255, 236

181, 14, 232

232, 255, 232

178, 0, 232

Harmonies

Analogous

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



179, 186, 249



219, 176, 232



245, 169, 204

Triad

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



219, 176, 232



194, 223, 130



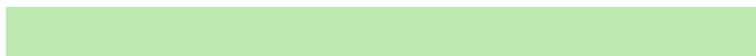
92, 150, 210

Complementary

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



219, 176, 232



176, 232, 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.



120, 172, 207



219, 176, 232



131, 195, 134

Square

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



219, 176, 232



245, 188, 145



149, 203, 195



95, 157, 237

Rectangle

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



219, 176, 232



252, 167, 182



149, 203, 195



100, 156, 208

Sweetspot

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



219, 176, 232



251, 237, 255



176, 187, 232



125, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



219, 176, 232



238, 181, 255



232, 176, 217



112, 103, 115



137, 0, 179



39, 0, 51

Inverse Universe

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



232, 176, 189



255, 181, 198



176, 220, 232



115, 103, 106



179, 0, 41



51, 0, 12

Previews

White Background



This preview shows how the RYB color 219, 176, 232 looks on a white background.

Color Contrast Check

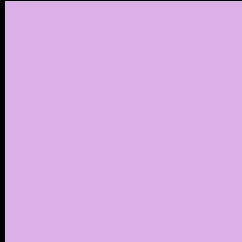
Large Text (above 18pt) WCAG AA × Fail

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, 176, 232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

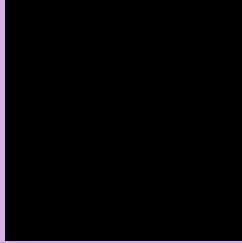
Any Text WCAG AA ✓ Pass

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, 176, 232 Background



This preview shows how black text looks on a background with the RYB color 219, 176, 232.

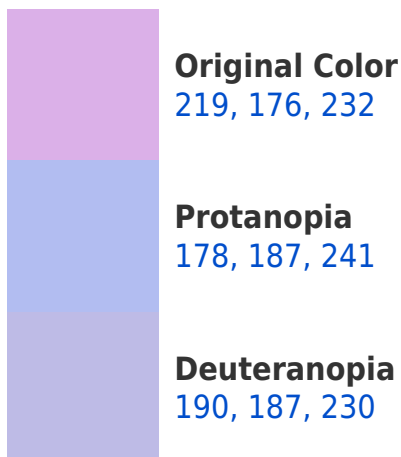



This preview shows how white text looks on a background with the RYB color 219, 176, 232.

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





Tritanopia
214, 182, 197

Trichromacy



Original Color
219, 176, 232

Protanomaly
193, 184, 238

Deuteranomaly
201, 183, 231

Tritanomaly
216, 180, 210

Monochromacy



Original Color
219, 176, 232

Achromatopsia
195, 195, 195

Achromatomaly
204, 188, 208

CSS Examples

Text

The CSS property to change the color of the text to RYB 219, 176, 232 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, 176, 232) looks like.

```
.text, #text, p{  
    color:rgb(219, 176, 232)  
}
```

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, 176, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 176, 232) }
```

Border

The CSS property to change the border of an element to RYB 219, 176, 232 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, 176, 232) }
```

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

```
.border{ border-color:rgb(219, 176, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 176, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 176, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 176, 232);  
box-shadow:4px 4px 4px 4px rgb(219, 176,  
232) }
```

Background

The CSS property to change the background color of an element to RYB 219, 176, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 176, 232) }
```

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

```
.background{ background-color: rgb(219,  
176, 232) }
```

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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