

Converting Colors

`RYB(219, 162, 212)`

Have a look what the booklet for
RYB(219, 162, 212) contains.

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Color

R_YB(219, 162, 212)

Conversions

Conversions Part 1

Format	Color
Hex	DBA2D4
RGB	219, 162, 212
RGB Percent	86%, 64%, 83%
CMY	0.1412, 0.3647, 0.1686
CMYK	0.00, 0.26, 0.03, 0.14
HSL	307°, 44%, 75%
HSV	307°, 26%, 86%
XYZ	54.0174, 45.6542, 68.2525
YIQ	184.7430, 17.9220, 27.6340

Conversions

Conversions Part 2

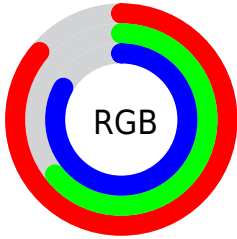
Format	Color
R _Y B	219, 162, 212
Decimal	14394068
CIE Lab	73.32, 29.16, -17.16
CIE LCh	73, 33.835, 329.516
Yxy	45.6542, 0.3217, 0.2719
Android (android.graphics.Color)	4292584148 (0xFFDBA2D4)
YUV	184.7430, 13.4377, 30.0434
Hunter-Lab	67.5679, 24.4587, -12.5932

Details

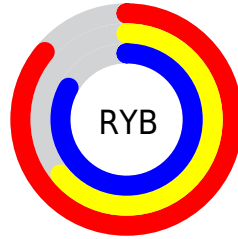
The RYB color **219, 162, 212** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **162, 213, 219**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **255, 217, 255**, and **163, 110, 157** is the 20% darker color. If you saturate the color by 10%, you get **219, 140, 209**, and if you desaturate by 10%, it is **219, 184, 215**.

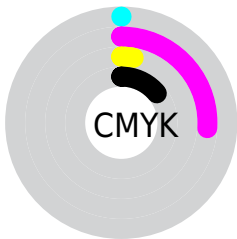
Distribution



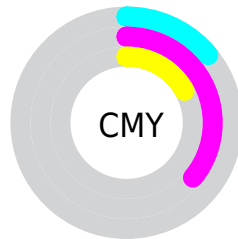
- Red (86%)
- Green (64%)
- Blue (83%)



- Red (86%)
- Yellow (64%)
- Blue (83%)



- Cyan (0%)
- Magenta (26%)
- Yellow (3%)
- Black (14%)




- Cyan (14%)
- Magenta (36%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the RYB color 219, 162, 212 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, 162, 212 by changing the saturation by 10% instead.

 219, 162, 212

 219, 162, 212

255, 255, 255

 191, 135, 184

 255, 217, 255


 163, 110, 157

 255, 246, 255

 137, 85, 131

 111, 61, 106

 85, 37, 82

 61, 14, 58

 39, 0, 37

 0, 0, 13

 0, 0, 0

 219, 162, 212

 219, 162, 212

 219, 140, 209

 219, 184, 215

 219, 118, 207

 219, 206, 217

 219, 96, 204

 219, 227, 228

 219, 74, 201

 219, 246, 250

 219, 52, 199


 219, 250, 255

 219, 31, 196

 219, 248, 255

 219, 9, 193

 219, 246, 255

 219, 0, 192

 219, 244, 255

 219, 243, 255

Harmonies

Analogous

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



183, 172, 234



219, 162, 212



239, 157, 182

Triad

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



219, 162, 212



152, 202, 118



74, 138, 210

Complementary

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



219, 162, 212



162, 213, 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.



97, 152, 197



219, 162, 212



125, 187, 143

Square

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



219, 162, 212



227, 192, 128



133, 182, 194



92, 151, 233

Rectangle

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



219, 162, 212



242, 157, 161



133, 182, 194



78, 138, 200

Sweetspot

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



219, 162, 212



255, 235, 252



169, 162, 219



128, 115, 126



0, 0, 0



128, 128, 128

Same Dimension

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



219, 162, 212



255, 176, 245



219, 162, 184



110, 99, 108



173, 0, 152



46, 0, 40

Inverse Universe

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



219, 162, 212



255, 176, 245



162, 197, 219



110, 99, 108



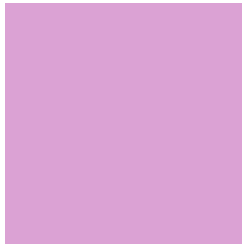
173, 0, 152



46, 0, 40

Previews

White Background



This preview shows how the RYB color 219, 162, 212 looks on a white background.

Color Contrast Check

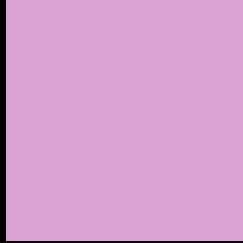
Large Text (above 18pt) WCAG AA × Fail

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, 162, 212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

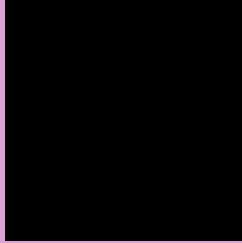
Any Text WCAG AA ✓ Pass

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, 162, 212 Background



This preview shows how black text looks on a background with the RYB color 219, 162, 212.

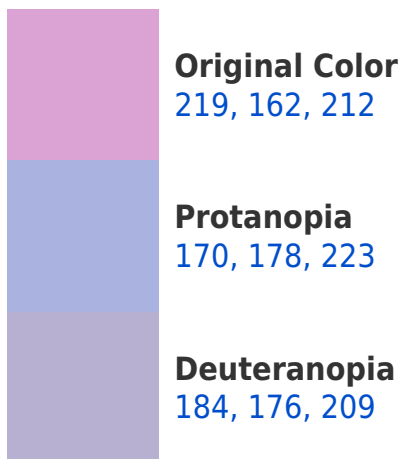



This preview shows how white text looks on a background with the RYB color 219, 162, 212.

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
215, 168, 181

Trichromacy



Original Color

219, 162, 212



Protanomaly

188, 173, 219



Deuteranomaly

197, 171, 210



Tritanomaly

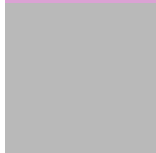
216, 166, 192

Monochromacy



Original Color

219, 162, 212



Achromatopsia

185, 185, 185



Achromatomaly

197, 177, 195

CSS Examples

Text

The CSS property to change the color of the text to RYB 219, 162, 212 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, 162, 212) looks like.

```
.text, #text, p{  
    color:rgb(219, 162, 212)  
}
```

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, 162, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 162, 212) }
```

Border

The CSS property to change the border of an element to RYB 219, 162, 212 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, 162, 212) }
```

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

```
.border{ border-color:rgb(219, 162, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 162, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 162, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 162, 212);  
box-shadow:4px 4px 4px 4px rgb(219, 162,  
212) }
```

Background

The CSS property to change the background color of an element to RGB 219, 162, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 162, 212) }
```

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

```
.background{ background-color: rgb(219,  
162, 212) }
```

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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