

Converting Colors

`RYB(212, 160, 203)`

Have a look what the booklet for
RYB(212, 160, 203) contains.

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Color

$\text{RYB}(212, 160, 203)$

Conversions

Conversions Part 1

Format	Color
Hex	D4A0CB
RGB	212, 160, 203
RGB Percent	83%, 63%, 80%
CMY	0.1686, 0.3725, 0.2039
CMYK	0.00, 0.25, 0.04, 0.17
HSL	310°, 38%, 73%
HSV	310°, 25%, 83%
XYZ	50.5017, 43.4505, 62.2250
YIQ	180.4500, 17.1890, 24.3970

Conversions

Conversions Part 2

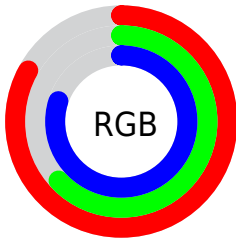
Format	Color
R _Y B	212, 160, 203
Decimal	13934795
CIE Lab	71.86, 26.27, -14.49
CIE LCh	72, 29.998, 331.120
Yxy	43.4505, 0.3234, 0.2782
Android (android.graphics.Color)	4292124875 (0xFFD4A0CB)
YUV	180.4500, 11.1172, 27.6694
Hunter-Lab	65.9170, 21.4015, -9.8273

Details

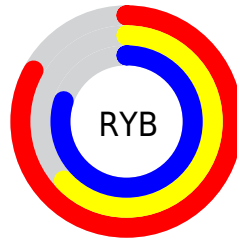
The RYB color **212, 160, 203** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **160, 204, 212**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **255, 215, 255**, and **157, 108, 149** is the 20% darker color. If you saturate the color by 10%, you get **212, 139, 199**, and if you desaturate by 10%, it is **212, 181, 207**.

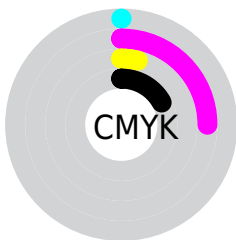
Distribution



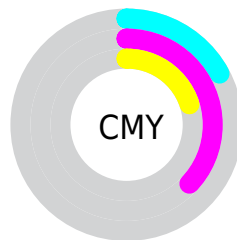
- Red (83%)
- Green (63%)
- Blue (80%)



- Red (83%)
- Yellow (63%)
- Blue (80%)



- Cyan (0%)
- Magenta (25%)
- Yellow (4%)
- Black (17%)




- Cyan (17%)
- Magenta (37%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the RYB color 212, 160, 203 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 212, 160, 203 by changing the saturation by 10% instead.

 212, 160, 203

 212, 160, 203

255, 255, 255

 184, 134, 176

 255, 215, 255

 157, 108, 149

 255, 244, 255

 130, 83, 123

 105, 59, 98

 80, 36, 74


 56, 14, 51


 36, 0, 31


 0, 0, 1


 0, 0, 0

 212, 160, 203

 212, 160, 203

 212, 139, 199

 212, 181, 207

 212, 118, 196

 212, 202, 210

 212, 96, 192

 212, 222, 224

 212, 75, 188

 212, 240, 245

 212, 54, 185

 212, 248, 255

 212, 33, 181

 212, 245, 255

 212, 12, 177

 212, 243, 255

 212, 0, 175

 212, 241, 255

 212, 240, 255

Harmonies

Analogous

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



181, 169, 223



212, 160, 203



229, 156, 176

Triad

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



212, 160, 203



147, 194, 121



89, 143, 203

Complementary

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



212, 160, 203



160, 204, 212

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.



104, 152, 191



212, 160, 203



129, 183, 147

Square

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



212, 160, 203



217, 190, 129



133, 177, 189



105, 153, 223

Rectangle

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



212, 160, 203



231, 157, 158



133, 177, 189



91, 142, 195

Sweetspot

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



212, 160, 203



255, 237, 252



169, 160, 212



128, 117, 126



0, 0, 0



128, 128, 128

Same Dimension

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



212, 160, 203



255, 181, 242



212, 160, 177



107, 96, 105



171, 0, 141



43, 0, 36

Inverse Universe

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



212, 160, 203



255, 181, 242



160, 191, 212



107, 96, 105



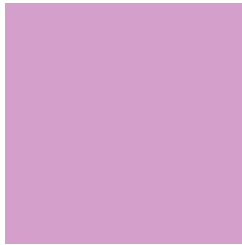
171, 0, 141



43, 0, 36

Previews

White Background



This preview shows how the RYB color 212, 160, 203 looks on a white background.

Color Contrast Check

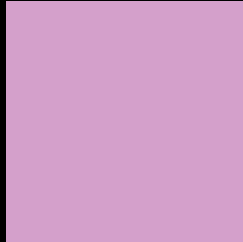
Large Text (above 18pt) WCAG AA × Fail

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 212, 160, 203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

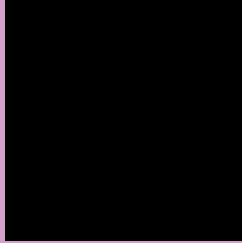
Any Text WCAG AA ✓ Pass

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 212, 160, 203 Background



This preview shows how black text looks on a background with the RYB color 212, 160, 203.

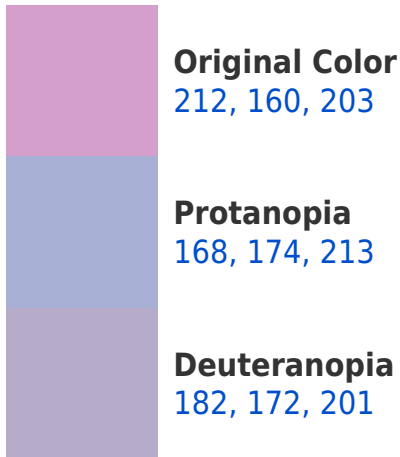



This preview shows how white text looks on a background with the RYB color 212, 160, 203.

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
209, 165, 177

Trichromacy



Original Color
212, 160, 203

Protanomaly
184, 170, 209

Deuteranomaly
193, 168, 202

Tritanomaly
210, 163, 186

Monochromacy



Original Color
212, 160, 203

Achromatopsia
180, 180, 180

Achromatomaly
192, 173, 188

CSS Examples

Text

The CSS property to change the color of the text to RYB 212, 160, 203 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(212, 160, 203) looks like.

```
.text, #text, p{  
    color:rgb(212, 160, 203)  
}
```

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(212, 160, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 160, 203) }
```

Border

The CSS property to change the border of an element to RYB 212, 160, 203 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(212, 160, 203) }
```

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

```
.border{ border-color:rgb(212, 160, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 160, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 160, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 160, 203);  
box-shadow:4px 4px 4px 4px rgb(212, 160,  
203) }
```

Background

The CSS property to change the background color of an element to RGB 212, 160, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 160, 203) }
```

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

```
.background{ background-color: rgb(212,  
160, 203) }
```

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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