

Converting Colors

`RYB(210, 152, 219)`

Have a look what the booklet for
RYB(210, 152, 219) contains.

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Color

R_YB(210, 152, 219)

Conversions

Conversions Part 1

Format	Color
Hex	D298DB
RGB	210, 152, 219
RGB Percent	82%, 60%, 86%
CMY	0.1765, 0.4039, 0.1412
CMYK	0.04, 0.31, 0.00, 0.14
HSL	292°, 48%, 73%
HSV	292°, 31%, 86%
XYZ	50.5928, 41.2726, 72.3177
YIQ	176.9800, 13.0610, 33.1330

Conversions

Conversions Part 2

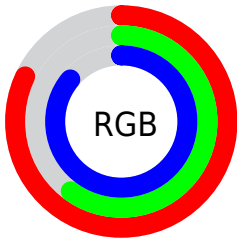
Format	Color
R_{YB}	210, 152, 219
Decimal	13801691
CIE _{Lab}	70.37, 32.95, -25.59
CIE _{LCh}	70, 41.718, 322.162
Yxy	41.2726, 0.3081, 0.2514
Android (android.graphics.Color)	4291991771 (0xFFD298DB)
YUV	176.9800, 20.7159, 28.9585
Hunter-Lab	64.2437, 28.1445, -21.7708

Details

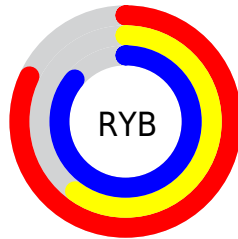
The RYB color **210, 152, 219** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **152, 219, 210**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **255, 207, 255**, and **155, 100, 164** is the 20% darker color. If you saturate the color by 10%, you get **207, 130, 219**, and if you desaturate by 10%, it is **213, 174, 219**.

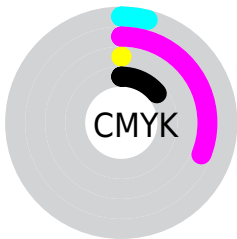
Distribution



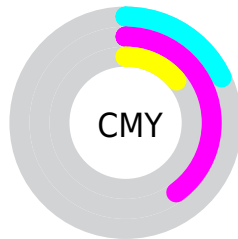
- Red (82%)
- Green (60%)
- Blue (86%)



- Red (82%)
- Yellow (60%)
- Blue (86%)



- Cyan (4%)
- Magenta (31%)
- Yellow (0%)
- Black (14%)




- Cyan (18%)
- Magenta (40%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RYB color 210, 152, 219 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 210, 152, 219 by changing the saturation by 10% instead.


 210, 152, 219

255, 255, 255


 255, 207, 255


 255, 235, 255

 210, 152, 219

 182, 126, 191

 155, 100, 164

 128, 75, 137

 102, 51, 112

 77, 28, 87

 53, 3, 64


 34, 0, 42


 0, 1, 19


 0, 0, 0

 210, 152, 219


 210, 152, 219

 207, 130, 219


 213, 174, 219

 204, 108, 219

 216, 196, 219

 201, 86, 219

 219, 218, 219

 198, 64, 219

 219, 240, 237

 195, 42, 219

 219, 255, 249

 192, 21, 219

 219, 255, 246

 190, 0, 219

 219, 255, 243

 219, 255, 240

 219, 255, 238

Harmonies

Analogous

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



161, 166, 242



210, 152, 219



238, 143, 184

Triad

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



210, 152, 219



157, 205, 96



0, 98, 199

Complementary

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



210, 152, 219



152, 219, 210

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.



69, 139, 191



210, 152, 219



100, 178, 110

Square

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



210, 152, 219



233, 172, 114



124, 187, 187



0, 104, 231

Rectangle

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



210, 152, 219



245, 142, 158



124, 187, 187



0, 97, 192

Sweetspot

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



210, 152, 219



252, 232, 255



152, 161, 219



126, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



210, 152, 219



242, 161, 255



219, 152, 196



108, 99, 110



150, 0, 173



40, 0, 46

Inverse Universe

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



219, 152, 161



255, 161, 173



152, 202, 219



110, 99, 100



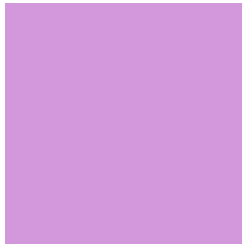
173, 0, 23



46, 0, 6

Previews

White Background



This preview shows how the RYB color 210, 152, 219 looks on a white background.

Color Contrast Check

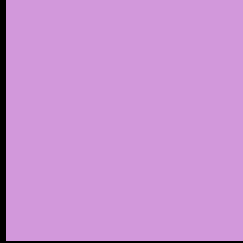
Large Text (above 18pt) WCAG AA × Fail

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 210, 152, 219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

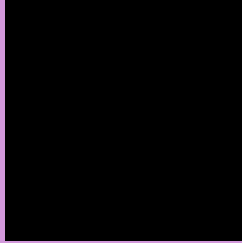
Any Text WCAG AA ✓ Pass

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 210, 152, 219 Background



This preview shows how black text looks on a background with the RYB color 210, 152, 219.

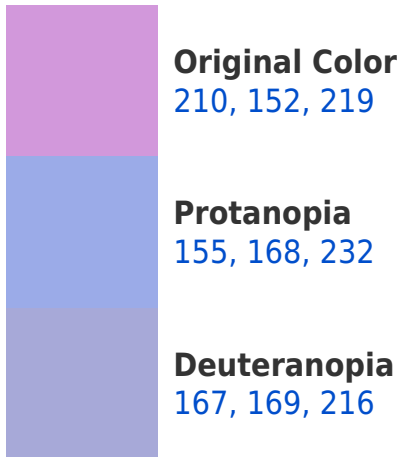



This preview shows how white text looks on a background with the RYB color 210, 152, 219.

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
204, 161, 173

Trichromacy



Original Color

210, 152, 219



Protanomaly

175, 163, 227



Deuteranomaly

183, 163, 217



Tritanomaly

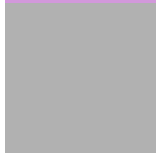
206, 158, 190

Monochromacy



Original Color

210, 152, 219



Achromatopsia

177, 177, 177



Achromatomaly

189, 168, 192

CSS Examples

Text

The CSS property to change the color of the text to RYB 210, 152, 219 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(210, 152, 219) looks like.

```
.text, #text, p{  
    color:rgb(210, 152, 219)  
}
```

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(210, 152, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 152, 219) }
```

Border

The CSS property to change the border of an element to RYB 210, 152, 219 is called "border". The border property can be set on classes, ids or directly on the HTML element.

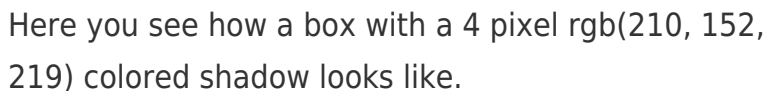
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(210, 152, 219) }
```

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

```
.border{ border-color:rgb(210, 152, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(210, 152, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 152, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 152, 219);  
box-shadow:4px 4px 4px 4px rgb(210, 152,  
219) }
```

Background

The CSS property to change the background color of an element to RYB 210, 152, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 152, 219) }
```

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

```
.background{ background-color: rgb(210,  
152, 219) }
```

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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