

Converting Colors

`RYB(210, 168, 213)`

Have a look what the booklet for RYB(210, 168, 213) contains.

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Color

$\text{RYB}(210, 168, 213)$

Conversions

Conversions Part 1

Format	Color
Hex	D2A8D5
RGB	210, 168, 213
RGB Percent	82%, 66%, 84%
CMY	0.1765, 0.3412, 0.1647
CMYK	0.01, 0.21, 0.00, 0.16
HSL	296°, 35%, 75%
HSV	296°, 21%, 84%
XYZ	52.5912, 46.5110, 69.1565
YIQ	185.6880, 10.5870, 22.8990

Conversions

Conversions Part 2

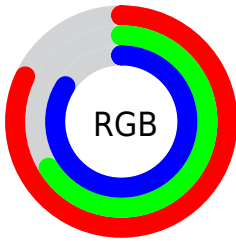
Format	Color
R_{YB}	210, 168, 213
Decimal	13805781
CIE _{Lab}	73.88, 23.09, -16.96
CIE _{LCh}	74, 28.646, 323.699
Yxy	46.5110, 0.3126, 0.2764
Android (android.graphics.Color)	4291995861 (0xFFD2A8D5)
YUV	185.6880, 13.4648, 21.3216
Hunter-Lab	68.1990, 18.3010, -12.3831

Details

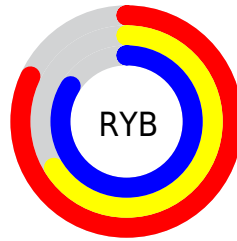
The RYB color **210, 168, 213** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **168, 213, 210**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **255, 223, 255**, and **155, 116, 158** is the 20% darker color. If you saturate the color by 10%, you get **209, 147, 213**, and if you desaturate by 10%, it is **211, 189, 213**.

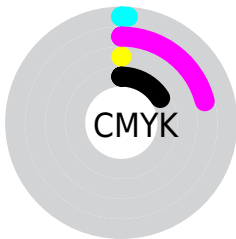
Distribution



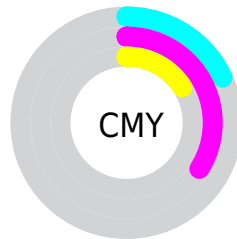
- Red (82%)
- Green (66%)
- Blue (84%)



- Red (82%)
- Yellow (66%)
- Blue (84%)



- Cyan (1%)
- Magenta (21%)
- Yellow (0%)
- Black (16%)




- Cyan (18%)
- Magenta (34%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 210, 168, 213 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, 168, 213 by changing the saturation by 10% instead.


 210, 168, 213

255, 255, 255

 255, 223, 255

 255, 252, 255

 210, 168, 213

 182, 141, 185

 155, 116, 158

 129, 91, 132

 103, 67, 107

 79, 44, 83


 55, 22, 59

 34, 0, 38


 0, 1, 15

 0, 0, 0

 210, 168, 213

 210, 168, 213

 209, 147, 213

 211, 189, 213

 207, 125, 213


 213, 211, 213

 206, 104, 213


 213, 232, 231

 204, 83, 213


 213, 253, 250

 203, 61, 213

 213, 255, 251

 201, 40, 213

 213, 255, 249

 200, 19, 213

 213, 255, 248

 199, 0, 213

 213, 255, 247

 213, 255, 245

Harmonies

Analogous

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



178, 177, 230



210, 168, 213



230, 163, 188

Triad

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



210, 168, 213



174, 206, 130



102, 150, 202

Complementary

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



210, 168, 213



168, 213, 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.



120, 164, 196



210, 168, 213



133, 186, 140

Square

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



210, 168, 213



226, 184, 140



148, 191, 193



110, 158, 223

Rectangle

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



210, 168, 213



235, 162, 170



148, 191, 193



106, 152, 196

Sweetspot

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



210, 168, 213



254, 240, 255



168, 171, 213



127, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



210, 168, 213



251, 191, 255



213, 168, 194



106, 96, 107



159, 0, 171



40, 0, 43

Inverse Universe

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



213, 168, 171



255, 191, 196



168, 200, 213



107, 96, 97



171, 0, 11



43, 0, 3

Previews

White Background



This preview shows how the RYB color 210, 168, 213 looks on a white background.

Color Contrast Check

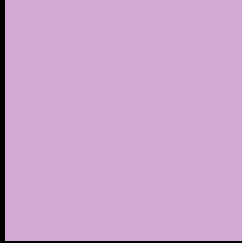
Large Text (above 18pt) WCAG AA × Fail

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, 168, 213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

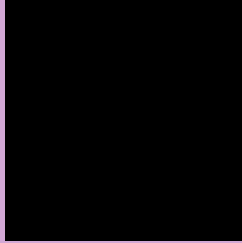
Any Text WCAG AA ✓ Pass

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, 168, 213 Background



This preview shows how black text looks on a background with the RYB color 210, 168, 213.



This preview shows how white text looks on a background with the RYB color 210, 168, 213.

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
210, 168, 213

Protanopia
173, 179, 221

Deuteranopia
185, 177, 211



Tritanopia
206, 173, 186

Trichromacy



Original Color
210, 168, 213

Protanomaly
186, 176, 218

Deuteranomaly
194, 174, 212

Tritanomaly
207, 171, 196

Monochromacy



Original Color
210, 168, 213

Achromatopsia
186, 186, 186

Achromatomaly
195, 179, 196

CSS Examples

Text

The CSS property to change the color of the text to RYB 210, 168, 213 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, 168, 213) looks like.

```
.text, #text, p{  
    color:rgb(210, 168, 213)  
}
```

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, 168, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 168, 213) }
```

Border

The CSS property to change the border of an element to RYB 210, 168, 213 is called "border". The border property can be set on classes, ids or directly on the HTML element.

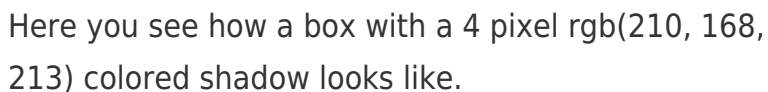
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(210, 168, 213) }
```

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

```
.border{ border-color:rgb(210, 168, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(210, 168, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 168, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 168, 213); box-shadow:4px 4px 4px 4px rgb(210, 168, 213) }
```

Background

The CSS property to change the background color of an element to RYB 210, 168, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 168, 213) }
```

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

```
.background{ background-color: rgb(210,  
168, 213) }
```

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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