

Converting Colors

`RYB(210, 168, 195)`

Have a look what the booklet for RYB(210, 168, 195) contains.

RYB(210, 168, 195)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

$\text{RYB}(210, 168, 195)$

Conversions

Conversions Part 1

Format	Color
Hex	D2A8C3
RGB	210, 168, 195
RGB Percent	82%, 66%, 76%
CMY	0.1765, 0.3412, 0.2353
CMYK	0.00, 0.20, 0.07, 0.18
HSL	321°, 32%, 74%
HSV	321°, 20%, 82%
XYZ	50.4313, 45.6470, 57.7825
YIQ	183.6360, 16.3650, 17.3010

Conversions

Conversions Part 2

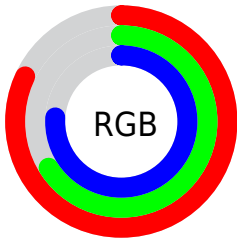
Format	Color
R _Y B	210, 168, 195
Decimal	13805763
CIE Lab	73.32, 19.80, -7.93
CIE LCh	73, 21.331, 338.176
Yxy	45.6470, 0.3278, 0.2967
Android (android.graphics.Color)	4291995843 (0xFFD2A8C3)
YUV	183.6360, 5.6025, 23.1212
Hunter-Lab	67.5626, 15.0047, -3.4136

Details

The RYB color **210, 168, 195** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **168, 199, 210**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **255, 223, 252**, and **155, 116, 141** is the 20% darker color. If you saturate the color by 10%, you get **210, 147, 187**, and if you desaturate by 10%, it is **210, 189, 202**.

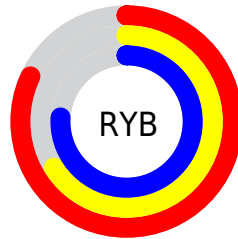
Distribution



Red (82%)

Green (66%)

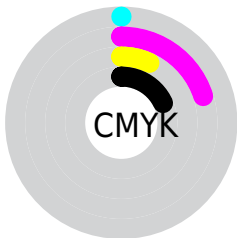
Blue (76%)



Red (82%)

Yellow (66%)

Blue (76%)

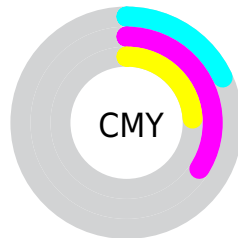


Cyan (0%)

Magenta (20%)

Yellow (7%)

Black (18%)



Cyan (18%)

Magenta (34%)


Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 210, 168, 195 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, 195 by changing the saturation by 10% instead.

 210, 168, 195

 210, 168, 195

255, 255, 255

 182, 141, 168

 255, 223, 252

 155, 116, 141

 255, 252, 255

 129, 91, 116

 103, 67, 91

 79, 44, 68

 55, 23, 46


 35, 0, 25


 0, 0, 0

 210, 168, 195


 210, 168, 195

 210, 147, 187

 210, 189, 202

 210, 126, 180


 210, 210, 210

 210, 105, 172

 210, 225, 231

 210, 84, 165


 210, 241, 252

 210, 63, 157


 210, 240, 255

 210, 42, 150

 210, 237, 255

 210, 21, 142

 210, 234, 255

 210, 0, 135

 210, 233, 255

Harmonies

Analogous

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



190, 173, 211



210, 168, 195



220, 166, 175

Triad

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



210, 168, 195



154, 190, 141



127, 161, 203

Complementary

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



210, 168, 195



168, 199, 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.



130, 162, 191



210, 168, 195



149, 186, 167

Square

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



210, 168, 195



208, 200, 144



146, 177, 190



140, 169, 216

Rectangle

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



210, 168, 195



220, 167, 162



146, 177, 190



126, 160, 198

Sweetspot

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



210, 168, 195



255, 240, 250



183, 168, 210



128, 119, 124



0, 0, 0



128, 128, 128

Same Dimension

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



210, 168, 195



255, 194, 233



210, 168, 174



105, 94, 101



168, 0, 108



41, 0, 26

Inverse Universe

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



210, 168, 195



255, 194, 233



168, 191, 210



105, 94, 101



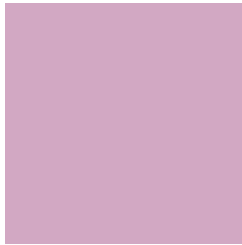
168, 0, 108



41, 0, 26

Previews

White Background



This preview shows how the RYB color 210, 168, 195 looks on a white background.

Color Contrast Check

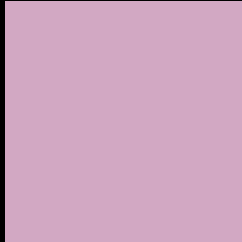
Large Text (above 18pt) WCAG AA × Fail

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, 195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

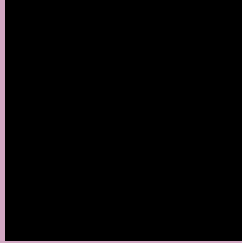
Any Text WCAG AA ✓ Pass

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, 195 Background



This preview shows how black text looks on a background with the RYB color 210, 168, 195.



This preview shows how white text looks on a background with the RYB color 210, 168, 195.

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, 195

Protanopia
177, 179, 202

Deuteranopia
192, 175, 194



Tritanopia
208, 170, 183

Trichromacy



Original Color
210, 168, 195

Protanomaly
189, 175, 199

Deuteranomaly
199, 172, 194

Tritanomaly
209, 169, 187

Monochromacy



Original Color
210, 168, 195

Achromatopsia
184, 184, 184

Achromatomaly
193, 178, 188

CSS Examples

Text

The CSS property to change the color of the text to RYB 210, 168, 195 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, 195) looks like.

```
.text, #text, p{  
    color:rgb(210, 168, 195)  
}
```

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, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 168, 195) }
```

Border

The CSS property to change the border of an element to RYB 210, 168, 195 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, 195) }
```

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

```
.border{ border-color:rgb(210, 168, 195) }
```

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, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 168, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 168, 195);  
box-shadow:4px 4px 4px 4px rgb(210, 168,  
195) }
```

Background

The CSS property to change the background color of an element to RGB 210, 168, 195 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, 195) }
```

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

```
.background{ background-color: rgb(210,  
168, 195) }
```

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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