Converting Colors

RYB(218, 212, 221)

Have a look what the booklet for RYB(218, 212, 221) contains.

Color

RYB(218, 212, 221)

Conversions

Conversions Part 1

Format	Color
Hex	DAD4DD
RGB	218, 212, 221
RGB Percent	85%, 83%, 87%
CMY	0.1451, 0.1686, 0.1333
CMYK	0.01, 0.04, 0.00, 0.13
HSL	280°, 12%, 85%
HSV	280°, 4%, 87%
XYZ	65.5081, 67.2129, 77.9273
YIQ	214.8200, 0.6870, 4.0710

Conversions

Conversions Part 2

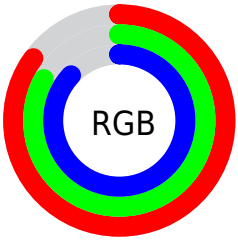
Format	Color
RYB	218, 212, 221
Decimal	14341341
CIELab	85.61, 3.68, -3.71
CIELCh	86, 5.224, 314.801
Yxy	67.2129, 0.3110, 0.3191
Android (android.graphics.Color)	4292531421 (0xFFDAD4DD)
YUV	214.8200, 3.0467, 2.7889
Hunter-Lab	81.9834, -0.8423, 1.0318

Details

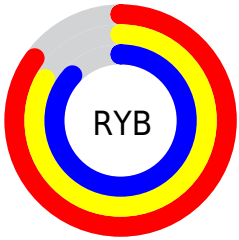
The RYB color 218, 212, 221 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 212, 221, 218, and the grayscale version is 215, 215, 215.

A 20% lighter version of the original color is 255, 255, 255, and 163, 157, 166 is the 20% darker color. If you saturate the color by 10%, you get 211, 190, 221, and if you desaturate by 10%, it is 221, 234, 230.

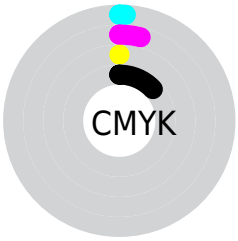
Distribution



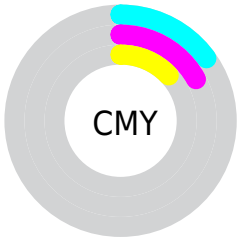
- Red (85%)
- Green (83%)
- Blue (87%)



- Red (85%)
- Yellow (83%)
- Blue (87%)



- Cyan (1%)
- Magenta (4%)
- Yellow (0%)
- Black (13%)



- Cyan (15%)
- Magenta (17%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 218, 212, 221 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 218, 212, 221 by changing the saturation by 10% instead.

218, 212, 221	218, 212, 221
255, 255, 255	190, 184, 193
	163, 157, 166
	137, 131, 140
	111, 106, 114
	87, 82, 90
	64, 59, 66
	42, 37, 44
	22, 17, 24
	0, 0, 0

218, 212, 221	218, 212, 221
211, 190, 221	221, 234, 230
203, 168, 221	221, 255, 243
196, 146, 221	221, 255, 236
189, 124, 221	221, 255, 229
181, 102, 221	221, 255, 221
174, 79, 221	
166, 57, 221	
159, 35, 221	
152, 13, 221	

Harmonies

Analogous

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

212, 214, 223

218, 212, 221

223, 211, 217

Triad

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

218, 212, 221

221, 221, 205

202, 210, 217

Complementary

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

218, 212, 221

212, 221, 218

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.

205, 213, 217

218, 212, 221

206, 216, 204

Square

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

218, 212, 221

224, 212, 207

207, 216, 213

203, 211, 221

Rectangle

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

218, 212, 221

225, 211, 213

207, 216, 213

203, 211, 217

Sweetspot

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

218, 212, 221

254, 252, 255

212, 214, 221

127, 126, 128

0, 0, 0

128, 128, 128

Same Dimension

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

218, 212, 221

251, 242, 255

221, 212, 220

107, 103, 110

116, 0, 173

31, 0, 46

Inverse Universe

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

221, 212, 215

255, 242, 247

212, 220, 221

110, 103, 105

173, 0, 58

46, 0, 15

Previews

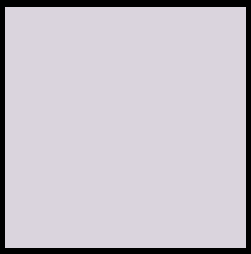
White Background

This preview shows how the RYB color 218, 212, 221 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



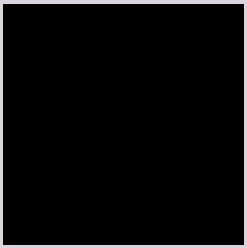
This preview shows how the RYB color 218, 212, 221 looks on a black background.

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 218, 212, 221 Background



This preview shows how black text looks on a background with the RYB color 218, 212, 221.

This preview shows how white text looks on a background with the RYB color 218, 212, 221.

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
218, 212, 221

Protanopia
216, 213, 221

Deuteranopia
231, 207, 222

Tritanopia
219, 211, 228

Trichromacy

Original Color
218, 212, 221

Protanomaly
217, 213, 221

Deuteranomaly
226, 209, 222

Tritanomaly
219, 211, 225

Monochromacy

Original Color
218, 212, 221

Achromatopsia
215, 215, 215

Achromatomaly
216, 214, 217

CSS Examples

Text

The CSS property to change the color of the text to RYB 218, 212, 221 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(218, 212, 221) looks like.

```
.text, #text, p{
    color:rgb(218, 212, 221)
}
```

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(218, 212, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 212, 221) }
```

Border

The CSS property to change the border of an element to RYB 218, 212, 221 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(218, 212, 221) }
```

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

```
.border{ border-color:rgb(218, 212, 221) }
```

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

Here you see how a box with a 4 pixel rgb(218, 212, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 212, 221); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 212, 221); box-shadow:4px 4px 4px 4px rgb(218, 212, 221) }
```

Background

The CSS property to change the background color of an element to RYB 218, 212, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(218, 212, 221) }
```

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

```
.background{ background-color:rgb(218,
212, 221) }
```

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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