

Converting Colors

`RYB(218, 211, 232)`

Have a look what the booklet for RYB(218, 211, 232) contains.

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Color

R_YB(218, 211, 232)

Conversions

Conversions Part 1

Format	Color
Hex	DAD3E8
RGB	218, 211, 232
RGB Percent	85%, 83%, 91%
CMY	0.1451, 0.1725, 0.0902
CMYK	0.06, 0.09, 0.00, 0.09
HSL	260°, 31%, 87%
HSV	260°, 9%, 91%
XYZ	66.7732, 67.3202, 85.8187
YIQ	215.4870, -2.5690, 8.0150

Conversions

Conversions Part 2

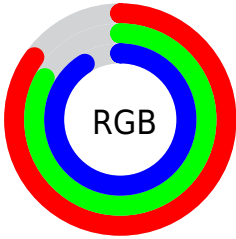
Format	Color
R _Y B	218, 211, 232
Decimal	14341096
CIE Lab	85.67, 6.27, -9.46
CIE LCh	86, 11.350, 303.552
Yxy	67.3202, 0.3036, 0.3061
Android (android.graphics.Color)	4292531176 (0xFFDAD3E8)
YUV	215.4870, 8.1409, 2.2039
Hunter-Lab	82.0489, 1.6818, -4.5800

Details

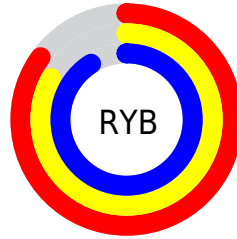
The RYB color **218, 211, 232** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **211, 232, 218**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **255, 255, 255**, and **163, 157, 176** is the 20% darker color. If you saturate the color by 10%, you get **203, 188, 232**, and if you desaturate by 10%, it is **232, 234, 233**.

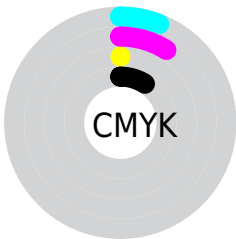
Distribution



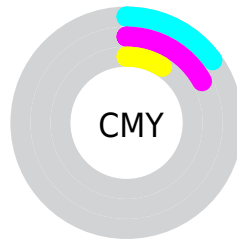
- Red (85%)
- Green (83%)
- Blue (91%)



- Red (85%)
- Yellow (83%)
- Blue (91%)



- Cyan (6%)
- Magenta (9%)
- Yellow (0%)
- Black (9%)



- Cyan (15%)
- Magenta (17%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RYB color 218, 211, 232 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, 211, 232 by changing the saturation by 10% instead.

■ 218, 211, 232

255, 255, 255

■ 218, 211, 232

■ 190, 183, 204

■ 163, 157, 176

■ 137, 130, 150

■ 111, 105, 124

■ 87, 81, 99

■ 64, 58, 75

■ 41, 37, 52

■ 21, 16, 31

■ 0, 0, 5

■ 218, 211, 232

■ 218, 211, 232

■ 203, 188, 232

■ 232, 234, 233

■ 187, 165, 232

■ 232, 255, 238

■ 172, 141, 232

■ 232, 255, 232

■ 156, 118, 232

■ 141, 95, 232

■ 125, 72, 232

■ 110, 49, 232

■ 94, 25, 232

■ 79, 2, 232

Harmonies

Analogous

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



205, 213, 235



218, 211, 232



230, 208, 224

Triad

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



218, 211, 232



232, 220, 195



190, 207, 221

Complementary

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



218, 211, 232



211, 232, 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.



198, 215, 220



218, 211, 232



204, 222, 193

Square

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



218, 211, 232



237, 209, 203



196, 217, 203



188, 205, 226

Rectangle

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



218, 211, 232



235, 207, 217



196, 217, 203



192, 209, 220

Sweetspot

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



218, 211, 232



250, 247, 255



211, 219, 232



124, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



218, 211, 232



236, 227, 255



229, 211, 232



107, 103, 115



59, 0, 179



17, 0, 51

Inverse Universe

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



232, 211, 225



255, 227, 246



211, 232, 229



115, 103, 111



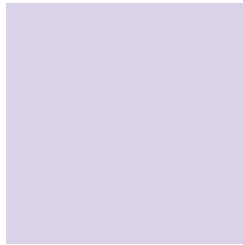
179, 0, 119



51, 0, 34

Previews

White Background



This preview shows how the RYB color 218, 211, 232 looks on a white background.

Color Contrast Check

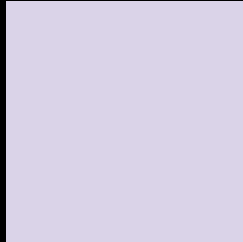
Large Text (above 18pt) WCAG AA × Fail

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, 211, 232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

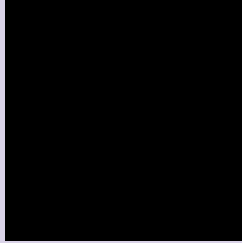
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

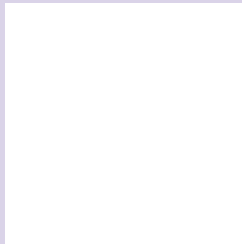
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 218, 211, 232 Background



This preview shows how black text looks on a background with the RYB color 218, 211, 232.



This preview shows how white text looks on a background with the RYB color 218, 211, 232.

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, 211, 232](#)

Protanopia
[212, 213, 233](#)

Deuteranopia
[226, 208, 233](#)



Tritanopia
217, 212, 228

Trichromacy



Original Color
218, 211, 232

Protanomaly
214, 212, 233

Deuteranomaly
223, 209, 233

Tritanomaly
217, 212, 229

Monochromacy



Original Color
218, 211, 232

Achromatopsia
215, 215, 215

Achromatomaly
216, 214, 221

CSS Examples

Text

The CSS property to change the color of the text to RYB 218, 211, 232 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, 211, 232) looks like.

```
.text, #text, p{  
    color:rgb(218, 211, 232)  
}
```

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, 211, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 211, 232) }
```

Border

The CSS property to change the border of an element to RYB 218, 211, 232 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, 211, 232) }
```

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

```
.border{ border-color:rgb(218, 211, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 211, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 211, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 211, 232);  
box-shadow:4px 4px 4px 4px rgb(218, 211,  
232) }
```

Background

The CSS property to change the background color of an element to RGB 218, 211, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 211, 232) }
```

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

```
.background{ background-color: rgb(218,  
211, 232) }
```

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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