

Converting Colors

`RYB(215, 213, 248)`

Have a look what the booklet for
RYB(215, 213, 248) contains.

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Color

R_YB(215, 213, 248)

Conversions

Conversions Part 1

Format	Color
Hex	D7D5F8
RGB	215, 213, 248
RGB Percent	84%, 84%, 97%
CMY	0.1569, 0.1647, 0.0275
CMYK	0.13, 0.14, 0.00, 0.03
HSL	243°, 71%, 90%
HSV	243°, 14%, 97%
XYZ	68.7619, 68.8129, 98.4650
YIQ	217.5880, -10.0430, 11.3090

Conversions

Conversions Part 2

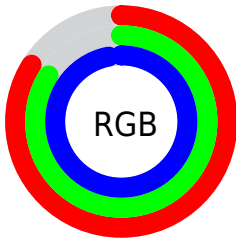
Format	Color
R _Y B	215, 213, 248
Decimal	14145016
CIE Lab	86.41, 7.43, -16.84
CIE LCh	86, 18.401, 293.806
Yxy	68.8129, 0.2913, 0.2915
Android (android.graphics.Color)	4292335096 (0xFFD7D5F8)
YUV	217.5880, 14.9931, -2.2697
Hunter-Lab	82.9535, 2.7936, -12.3092

Details

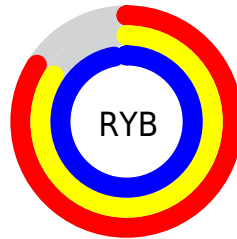
The RYB color **215, 213, 248** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **213, 248, 215**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is **255, 255, 255**, and **160, 158, 192** is the 20% darker color. If you saturate the color by 10%, you get **192, 188, 248**, and if you desaturate by 10%, it is **238, 238, 248**.

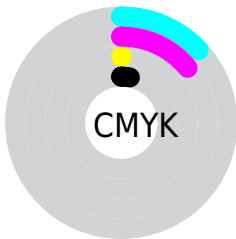
Distribution



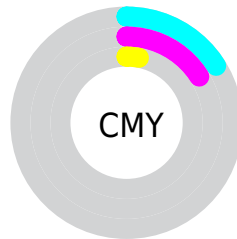
- Red (84%)
- Green (84%)
- Blue (97%)



- Red (84%)
- Yellow (84%)
- Blue (97%)



- Cyan (13%)
- Magenta (14%)
- Yellow (0%)
- Black (3%)



- Cyan (16%)
- Magenta (16%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RYB color 215, 213, 248 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 215, 213, 248 by changing the saturation by 10% instead.

■ 215, 213, 248

255, 255, 255

■ 215, 213, 248

■ 187, 185, 219

■ 160, 158, 192

■ 134, 132, 164

■ 108, 107, 138

■ 84, 83, 113

■ 60, 60, 88

■ 37, 38, 65

■ 16, 18, 42

■ 0, 1, 22

215, 213, 248

215, 213, 248

192, 188, 248

238, 238, 248

168, 163, 248

248, 255, 248

145, 139, 248

121, 114, 248

98, 89, 248

75, 64, 248

51, 39, 248

28, 15, 248

14, 0, 248

Harmonies

Analogous

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



193, 211, 250



215, 213, 248



236, 208, 237

Triad

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



215, 213, 248



248, 217, 189



178, 206, 226

Complementary

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



215, 213, 248



213, 248, 215

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.



195, 224, 224



215, 213, 248



215, 234, 182

Square

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



215, 213, 248



253, 205, 203



184, 219, 188



171, 199, 230

Rectangle

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



215, 213, 248



246, 205, 226



184, 219, 188



183, 211, 226

Sweetspot

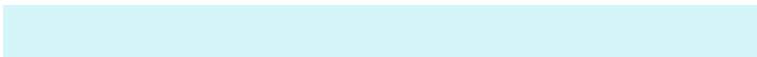
The Sweet Spot groups the original color and five complimentary colors.



215, 213, 248



245, 245, 255



213, 230, 248



121, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



215, 213, 248



214, 212, 255



232, 213, 248



113, 112, 125



11, 0, 189



3, 0, 61

Inverse Universe

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



248, 213, 246



255, 212, 253



213, 248, 232



125, 112, 124



189, 0, 178



61, 0, 58

Previews

White Background



This preview shows how the RYB color 215, 213, 248 looks on a white background.

Color Contrast Check

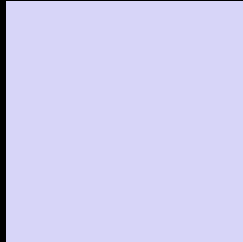
Large Text (above 18pt) WCAG AA × Fail

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 215, 213, 248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

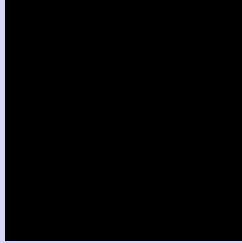
Any Text WCAG AA ✓ Pass

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 215, 213, 248 Background



This preview shows how black text looks on a background with the RYB color 215, 213, 248.



This preview shows how white text looks on a background with the RYB color 215, 213, 248.

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](#).

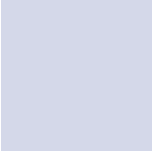
Dichromacy



Original Color
215, 213, 248

Protanopia
210, 214, 249

Deuteranopia
222, 211, 248



Tritanopia
212, 215, 233

Trichromacy



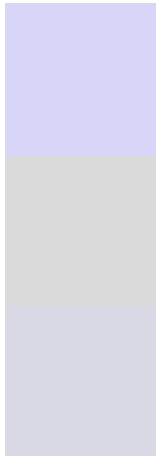
Original Color
215, 213, 248

Protanomaly
212, 214, 249

Deuteranomaly
219, 212, 248

Tritanomaly
213, 215, 238

Monochromacy



Original Color
215, 213, 248

Achromatopsia
218, 218, 218

Achromatomaly
217, 216, 229

CSS Examples

Text

The CSS property to change the color of the text to RYB 215, 213, 248 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(215, 213, 248)` looks like.

```
.text, #text, p{  
    color:rgb(215, 213, 248)  
}
```

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(215, 213, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 213, 248) }
```

Border

The CSS property to change the border of an element to RYB 215, 213, 248 is called "border". The border property can be set on classes, ids or directly on the HTML element.

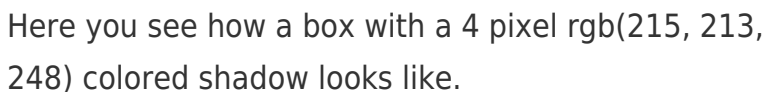
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 213, 248) }
```

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

```
.border{ border-color:rgb(215, 213, 248) }
```

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



Here you see how a box with a 4 pixel `rgb(215, 213, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 213, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 213, 248);  
box-shadow:4px 4px 4px 4px rgb(215, 213,  
248) }
```

Background

The CSS property to change the background color of an element to RYB 215, 213, 248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 213, 248) }
```

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

```
.background{ background-color: rgb(215,  
213, 248) }
```

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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