

Converting Colors

`RYB(213, 185, 249)`

Have a look what the booklet for
RYB(213, 185, 249) contains.

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Color

R_YB(213, 185, 249)

Conversions

Conversions Part 1

Format	Color
Hex	D5B9F9
RGB	213, 185, 249
RGB Percent	84%, 73%, 98%
CMY	0.1647, 0.2745, 0.0235
CMYK	0.14, 0.26, 0.00, 0.02
HSL	266°, 84%, 85%
HSV	266°, 26%, 98%
XYZ	61.8884, 55.6836, 97.1087
YIQ	200.6680, -3.8560, 25.8400

Conversions

Conversions Part 2

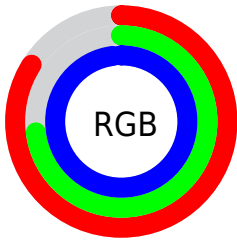
Format	Color
R _Y B	213, 185, 249
Decimal	14006777
CIE Lab	79.43, 22.02, -27.97
CIE LCh	79, 35.601, 308.209
Yxy	55.6836, 0.2883, 0.2594
Android (android.graphics.Color)	4292196857 (0xFFD5B9F9)
YUV	200.6680, 23.8277, 10.8152
Hunter-Lab	74.6215, 17.4541, -24.9221

Details

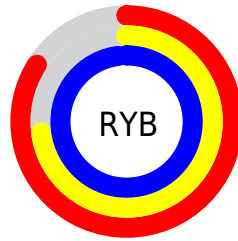
The RYB color **213, 185, 249** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **185, 249, 213**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **255, 241, 255**, and **158, 132, 192** is the 20% darker color. If you saturate the color by 10%, you get **199, 160, 249**, and if you desaturate by 10%, it is **227, 210, 249**.

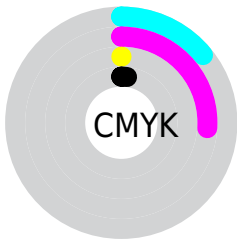
Distribution



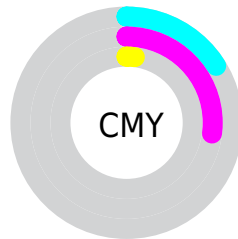
- Red (84%)
- Green (73%)
- Blue (98%)



- Red (84%)
- Yellow (73%)
- Blue (98%)



- Cyan (14%)
- Magenta (26%)
- Yellow (0%)
- Black (2%)



- Cyan (16%)
- Magenta (27%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RYB color 213, 185, 249 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 213, 185, 249 by changing the saturation by 10% instead.

 213, 185, 249


255, 255, 255

 255, 241, 255

 213, 185, 249


 185, 158, 220


 158, 132, 192

 131, 106, 165

 105, 82, 139

 80, 59, 113

 56, 37, 88

 33, 16, 65

 14, 0, 43

 0, 1, 20

■ 213, 185, 249

■ 213, 185, 249

■ 199, 160, 249

■ 227, 210, 249

■ 185, 135, 249

■ 241, 235, 249

■ 171, 110, 249

■ 249, 255, 249

■ 157, 85, 249

■ 143, 61, 249

■ 129, 36, 249

■ 115, 11, 249

■ 109, 0, 249

Harmonies

Analogous

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



166, 189, 255



213, 185, 249



246, 175, 222

Triad

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



213, 185, 249



241, 231, 136



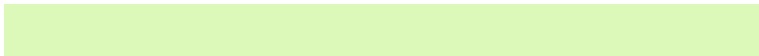
99, 160, 215

Complementary

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



213, 185, 249



185, 249, 213

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.



135, 188, 213



213, 185, 249



147, 211, 131

Square

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



213, 185, 249



255, 181, 157



144, 207, 177



85, 154, 237

Rectangle

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



213, 185, 249



255, 172, 200



144, 207, 177



110, 168, 215

Sweetspot

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



213, 185, 249



244, 235, 255



185, 208, 249



120, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



213, 185, 249



211, 176, 255



245, 185, 249



118, 112, 125



83, 0, 189



27, 0, 61

Inverse Universe

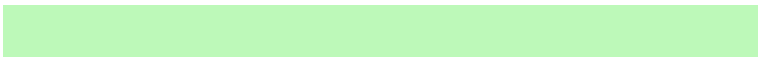
The Inverse Universe completely reimagines the original color for something new.



249, 185, 221



255, 176, 220



185, 249, 245



125, 112, 119



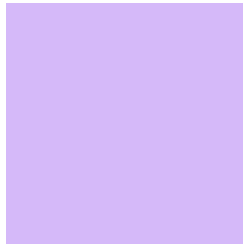
189, 0, 106



61, 0, 34

Previews

White Background



This preview shows how the RYB color 213, 185, 249 looks on a white background.

Color Contrast Check

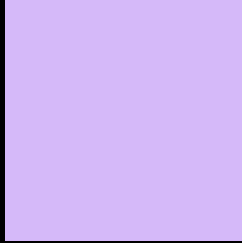
Large Text (above 18pt) WCAG AA × Fail

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 213, 185, 249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

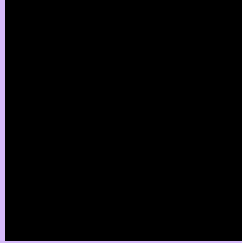
Any Text WCAG AA ✓ Pass

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 213, 185, 249 Background



This preview shows how black text looks on a background with the RYB color 213, 185, 249.

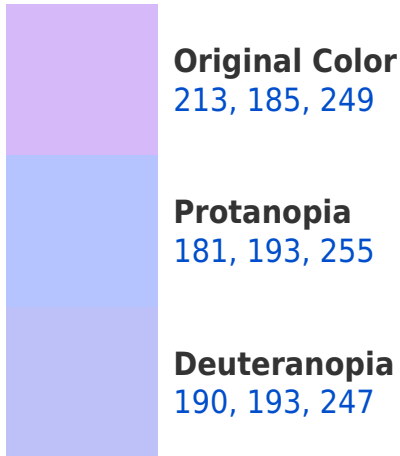



This preview shows how white text looks on a background with the RYB color 213, 185, 249.

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





Tritanopia
206, 193, 208

Trichromacy



Original Color
213, 185, 249

Protanomaly
193, 191, 253

Deuteranomaly
198, 190, 248

Tritanomaly
209, 190, 223

Monochromacy



Original Color
213, 185, 249

Achromatopsia
201, 201, 201

Achromatomaly
205, 195, 218

CSS Examples

Text

The CSS property to change the color of the text to RYB 213, 185, 249 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(213, 185, 249) looks like.

```
.text, #text, p{  
    color:rgb(213, 185, 249)  
}
```

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(213, 185, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 185, 249) }
```

Border

The CSS property to change the border of an element to RYB 213, 185, 249 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(213, 185, 249) }
```

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

```
.border{ border-color:rgb(213, 185, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 185, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 185, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 185, 249);  
box-shadow:4px 4px 4px 4px rgb(213, 185,  
249) }
```

Background

The CSS property to change the background color of an element to RGB 213, 185, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 185, 249) }
```

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

```
.background{ background-color: rgb(213,  
185, 249) }
```

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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