

Converting Colors

`RYB(210, 141, 245)`

Have a look what the booklet for RYB(210, 141, 245) contains.

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Color

R_YB(210, 141, 245)

Conversions

Conversions Part 1

Format	Color
Hex	D28DF5
RGB	210, 141, 245
RGB Percent	82%, 55%, 96%
CMY	0.1765, 0.4471, 0.0392
CMYK	0.14, 0.42, 0.00, 0.04
HSL	280°, 84%, 76%
HSV	280°, 42%, 96%
XYZ	52.5846, 39.3440, 91.2088
YIQ	173.4870, 7.7400, 46.9720

Conversions

Conversions Part 2

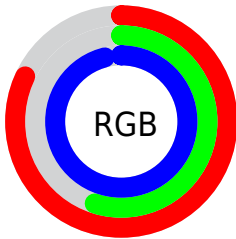
Format	Color
R _Y B	210, 141, 245
Decimal	13798901
CIE Lab	69.00, 44.09, -41.98
CIE LCh	69, 60.879, 316.401
Yxy	39.3440, 0.2871, 0.2148
Android (android.graphics.Color)	4291988981 (0xFFD28DF5)
YUV	173.4870, 35.2559, 32.0219
Hunter-Lab	62.7248, 39.8753, -42.3070

Details

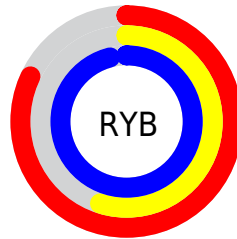
The RYB color **210, 141, 245** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **141, 245, 210**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **255, 196, 255**, and **154, 89, 188** is the 20% darker color. If you saturate the color by 10%, you get **202, 117, 245**, and if you desaturate by 10%, it is **218, 166, 245**.

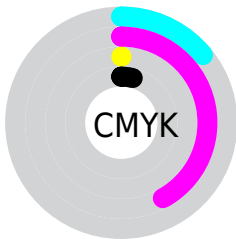
Distribution



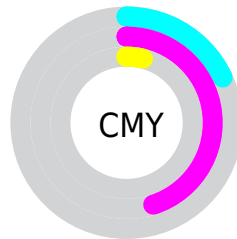
- Red (82%)
- Green (55%)
- Blue (96%)



- Red (82%)
- Yellow (55%)
- Blue (96%)



- Cyan (14%)
- Magenta (42%)
- Yellow (0%)
- Black (4%)





- Cyan (18%)
- Magenta (45%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the RYB color 210, 141, 245 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, 141, 245 by changing the saturation by 10% instead.

 210, 141, 245

 210, 141, 245

255, 255, 255

 182, 115, 216


 255, 196, 255

 154, 89, 188

 255, 224, 255

 126, 64, 161

 255, 253, 255

 100, 38, 134

 74, 10, 109


 48, 0, 84


 26, 0, 60

 0, 2, 37

 0, 1, 14

 210, 141, 245

 210, 141, 245

 202, 117, 245

 218, 166, 245

 194, 92, 245


 226, 190, 245

 185, 68, 245

 235, 215, 245

 177, 43, 245

 243, 239, 245

 169, 19, 245

 245, 255, 249

 163, 0, 245

 245, 255, 245

Harmonies

Analogous

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



124, 155, 255



210, 141, 245



255, 122, 196

Triad

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



210, 141, 245



156, 219, 56



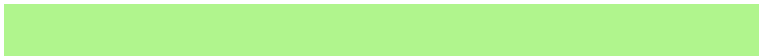
0, 98, 198

Complementary

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



210, 141, 245



141, 245, 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.



0, 112, 194



210, 141, 245



54, 175, 60

Square

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



210, 141, 245



255, 152, 90



88, 187, 170



0, 108, 247

Rectangle

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



210, 141, 245



255, 118, 159



88, 187, 170



0, 102, 195

Sweetspot

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



210, 141, 245



244, 222, 255



141, 168, 245



121, 107, 128



0, 0, 0



128, 128, 128

Same Dimension

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



210, 141, 245



211, 125, 255



245, 141, 229



118, 110, 122



124, 0, 186



39, 0, 59

Inverse Universe

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



245, 141, 176



255, 125, 169



141, 231, 245



122, 110, 114



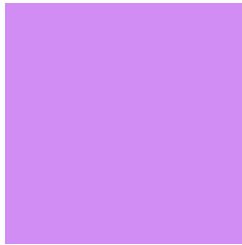
186, 0, 63



59, 0, 20

Previews

White Background



This preview shows how the RYB color 210, 141, 245 looks on a white background.

Color Contrast Check

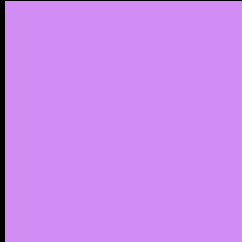
Large Text (above 18pt) WCAG AA × Fail

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, 141, 245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

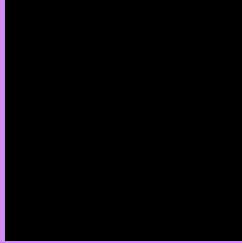
Any Text WCAG AA ✓ Pass

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, 141, 245 Background



This preview shows how black text looks on a background with the RYB color 210, 141, 245.

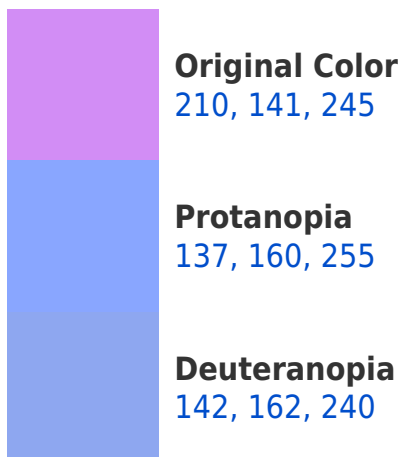


This preview shows how white text looks on a background with the RYB color 210, 141, 245.

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
198, 158, 170

Trichromacy



Original Color

210, 141, 245



Protanomaly

164, 157, 251



Deuteranomaly

167, 158, 242



Tritanomaly

202, 152, 197

Monochromacy



Original Color

210, 141, 245



Achromatopsia

173, 173, 173



Achromatomaly

186, 161, 199

CSS Examples

Text

The CSS property to change the color of the text to RYB 210, 141, 245 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, 141, 245) looks like.

```
.text, #text, p{  
    color:rgb(210, 141, 245)  
}
```

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, 141, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 141, 245) }
```

Border

The CSS property to change the border of an element to RYB 210, 141, 245 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, 141, 245) }
```

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

```
.border{ border-color:rgb(210, 141, 245) }
```

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

Here you see how a box with a 4 pixel rgb(210, 141, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 141, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 141, 245);  
box-shadow:4px 4px 4px 4px rgb(210, 141,  
245) }
```

Background

The CSS property to change the background color of an element to RGB 210, 141, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 141, 245) }
```

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

```
.background{ background-color: rgb(210,  
141, 245) }
```

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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