

Converting Colors

`RYB(218, 214, 249)`

Have a look what the booklet for
RYB(218, 214, 249) contains.

RYB(218, 214, 249)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(218, 214, 249)

Conversions

Conversions Part 1

Format	Color
Hex	DAD6F9
RGB	218, 214, 249
RGB Percent	85%, 84%, 98%
CMY	0.1451, 0.1608, 0.0235
CMYK	0.12, 0.14, 0.00, 0.02
HSL	247°, 74%, 91%
HSV	247°, 14%, 98%
XYZ	70.0589, 69.8381, 99.4101
YIQ	219.1860, -8.8510, 11.7330

Conversions

Conversions Part 2

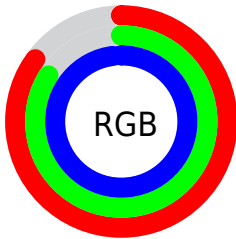
Format	Color
R _Y B	218, 214, 249
Decimal	14341881
CIE Lab	86.92, 8.05, -16.58
CIE LCh	87, 18.431, 295.900
Yxy	69.8381, 0.2928, 0.2918
Android (android.graphics.Color)	4292531961 (0xFFDAD6F9)
YUV	219.1860, 14.6983, -1.0401
Hunter-Lab	83.5692, 3.3965, -12.0303

Details

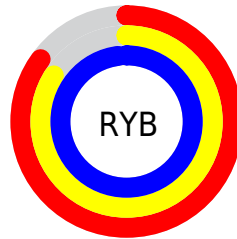
The RYB color **218, 214, 249** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **214, 249, 218**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is **255, 255, 255**, and **163, 159, 193** is the 20% darker color. If you saturate the color by 10%, you get **196, 189, 249**, and if you desaturate by 10%, it is **240, 239, 249**.

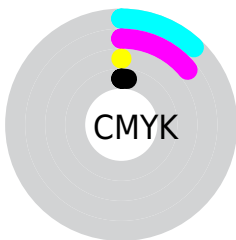
Distribution



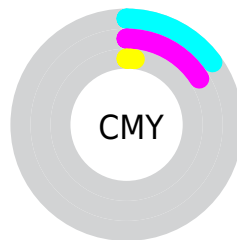
- Red (85%)
- Green (84%)
- Blue (98%)



- Red (85%)
- Yellow (84%)
- Blue (98%)



- Cyan (12%)
- Magenta (14%)
- Yellow (0%)
- Black (2%)



- Cyan (15%)
- Magenta (16%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RYB color 218, 214, 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 218, 214, 249 by changing the saturation by 10% instead.

■ 218, 214, 249

255, 255, 255

■ 218, 214, 249

■ 190, 186, 220

■ 163, 159, 193

■ 136, 133, 165

■ 111, 108, 139

■ 86, 84, 113

■ 63, 61, 89


■ 40, 39, 65

■ 19, 19, 43


■ 0, 1, 23

 218, 214, 249


 218, 214, 249


 196, 189, 249

 240, 239, 249

 174, 164, 249

 249, 255, 249


 152, 139, 249

 130, 114, 249

 108, 90, 249

 86, 65, 249

 64, 40, 249

 42, 15, 249

 28, 0, 249

Harmonies

Analogous

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



195, 212, 252



218, 214, 249



238, 209, 238

Triad

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



218, 214, 249



248, 222, 189



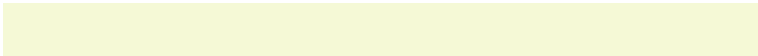
179, 207, 228

Complementary

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



218, 214, 249



214, 249, 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.



195, 223, 226



218, 214, 249



211, 234, 183

Square

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



218, 214, 249



255, 206, 203



186, 221, 192



172, 201, 232

Rectangle

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



218, 214, 249



248, 206, 227



186, 221, 192



184, 211, 227

Sweetspot

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



218, 214, 249



246, 245, 255



214, 230, 249



122, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



218, 214, 249



217, 212, 255



235, 214, 249



114, 112, 125



22, 0, 189



7, 0, 61

Inverse Universe

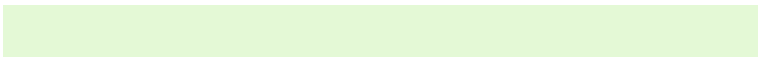
The Inverse Universe completely reimagines the original color for something new.



249, 214, 245



255, 212, 250



214, 249, 235



125, 112, 124



189, 0, 167



61, 0, 54

Previews

White Background



This preview shows how the RYB color 218, 214, 249 looks on a white background.

Color Contrast Check

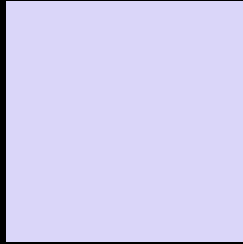
Large Text (above 18pt) WCAG AA × Fail

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 218, 214, 249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

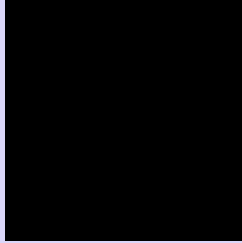
Any Text WCAG AA ✓ Pass

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 218, 214, 249 Background



This preview shows how black text looks on a background with the RYB color 218, 214, 249.



This preview shows how white text looks on a background with the RYB color 218, 214, 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



Original Color
218, 214, 249

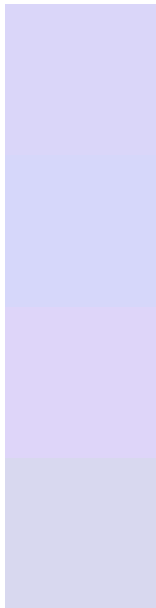
Protanopia
212, 216, 250

Deuteranopia
224, 212, 249



Tritanopia
215, 217, 234

Trichromacy



Original Color
218, 214, 249

Protanomaly
214, 215, 250

Deuteranomaly
222, 213, 249

Tritanomaly
216, 216, 239

Monochromacy



Original Color
218, 214, 249

Achromatopsia
219, 219, 219

Achromatomaly
219, 217, 230

CSS Examples

Text

The CSS property to change the color of the text to RYB 218, 214, 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(218, 214, 249)` looks like.

```
.text, #text, p{  
    color:rgb(218, 214, 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(218, 214, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 214, 249) }
```

Border

The CSS property to change the border of an element to RYB 218, 214, 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(218, 214, 249) }
```

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

```
.border{ border-color:rgb(218, 214, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 214, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 214, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 214, 249);  
box-shadow:4px 4px 4px 4px rgb(218, 214,  
249) }
```

Background

The CSS property to change the background color of an element to RYB 218, 214, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 214, 249) }
```

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

```
.background{ background-color: rgb(218,  
214, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor