

Converting Colors

`RYB(235, 218, 248)`

Have a look what the booklet for
RYB(235, 218, 248) contains.

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Color

`RYB(235, 218, 248)`

Conversions

Conversions Part 1

Format	Color
Hex	EBDAF8
RGB	235, 218, 248
RGB Percent	92%, 85%, 97%
CMY	0.0784, 0.1451, 0.0275
CMYK	0.05, 0.12, 0.00, 0.03
HSL	274°, 68%, 91%
HSV	274°, 12%, 97%
XYZ	76.2756, 74.5823, 99.1826
YIQ	226.5030, 0.5020, 12.9340

Conversions

Conversions Part 2

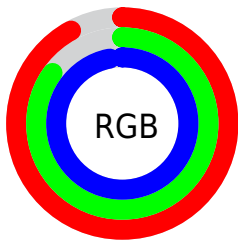
Format	Color
R _Y B	235, 218, 248
Decimal	15457016
CIE Lab	89.20, 11.21, -12.50
CIE LCh	89, 16.789, 311.877
Yxy	74.5823, 0.3051, 0.2983
Android (android.graphics.Color)	4293647096 (0xFFEBDAF8)
YUV	226.5030, 10.5980, 7.4519
Hunter-Lab	86.3610, 6.5226, -7.6397

Details

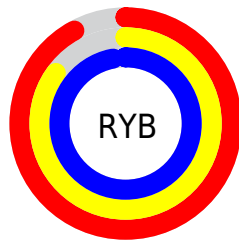
The RYB color **235, 218, 248** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **218, 248, 235**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is **255, 255, 255**, and **179, 163, 192** is the 20% darker color. If you saturate the color by 10%, you get **224, 193, 248**, and if you desaturate by 10%, it is **246, 243, 248**.

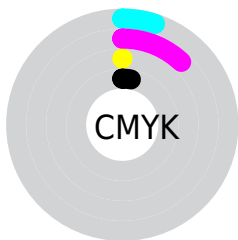
Distribution



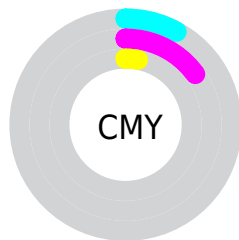
- Red (92%)
- Green (85%)
- Blue (97%)



- Red (92%)
- Yellow (85%)
- Blue (97%)



- Cyan (5%)
- Magenta (12%)
- Yellow (0%)
- Black (3%)



- Cyan (8%)
- Magenta (15%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RYB color 235, 218, 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 235, 218, 248 by changing the saturation by 10% instead.

■ 235, 218, 248

255, 255, 255

■ 235, 218, 248

■ 207, 190, 219

■ 179, 163, 192

■ 152, 137, 164

■ 126, 111, 138

■ 101, 87, 113

■ 77, 64, 88


■ 54, 42, 65

■ 32, 21, 43


■ 7, 0, 23

 235, 218, 248

 235, 218, 248


 224, 193, 248


 246, 243, 248


 214, 168, 248

 248, 255, 248

 203, 144, 248


 192, 119, 248

 181, 94, 248

 171, 69, 248

 160, 44, 248

 149, 20, 248

 141, 0, 248

Harmonies

Analogous

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



215, 222, 255



235, 218, 248



251, 214, 234

Triad

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



235, 218, 248



246, 246, 194



184, 210, 234

Complementary

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



235, 218, 248



218, 248, 235

Split Complementary

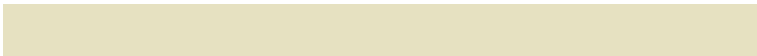
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



195, 220, 233



235, 218, 248



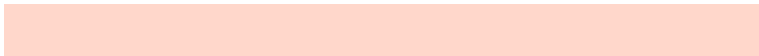
199, 230, 193

Square

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



235, 218, 248



255, 219, 203



200, 230, 218



184, 211, 245

Rectangle

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



235, 218, 248



255, 213, 224



200, 230, 218



187, 213, 234

Sweetspot

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



235, 218, 248



251, 245, 255



218, 227, 248



125, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



235, 218, 248



238, 217, 255



248, 218, 246



120, 112, 125



107, 0, 189



35, 0, 61

Inverse Universe

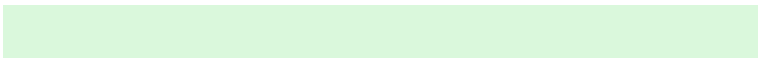
The Inverse Universe completely reimagines the original color for something new.



248, 218, 231



255, 217, 233



218, 246, 248



125, 112, 118



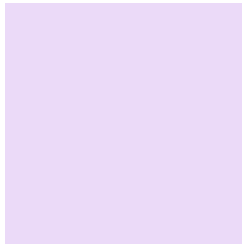
189, 0, 82



61, 0, 27

Previews

White Background



This preview shows how the RYB color 235, 218, 248 looks on a white background.

Color Contrast Check

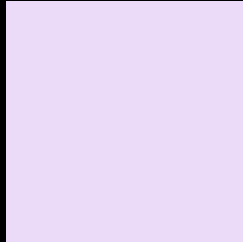
Large Text (above 18pt) WCAG AA × Fail

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 235, 218, 248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

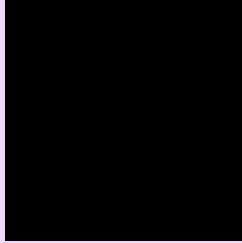
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

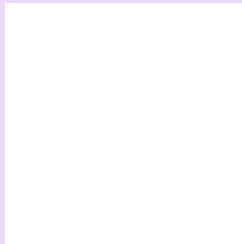
Any Text WCAG AAA ✓ Pass

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

RYB 235, 218, 248 Background



This preview shows how black text looks on a background with the RYB color 235, 218, 248.

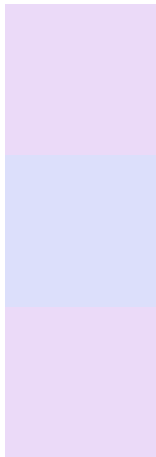


This preview shows how white text looks on a background with the RYB color 235, 218, 248.

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
235, 218, 248

Protanopia
220, 223, 251

Deuteranopia
235, 218, 248



Tritanopia
233, 220, 237

Trichromacy



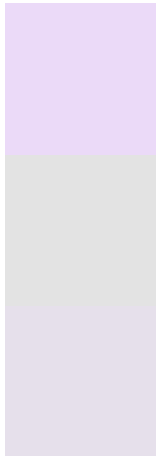
Original Color
235, 218, 248

Protanomaly
225, 221, 250

Deuteranomaly
235, 218, 248

Tritanomaly
234, 219, 241

Monochromacy



Original Color
235, 218, 248

Achromatopsia
227, 227, 227

Achromatomaly
230, 224, 235

CSS Examples

Text

The CSS property to change the color of the text to RYB 235, 218, 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(235, 218, 248) looks like.

```
.text, #text, p{  
    color:rgb(235, 218, 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(235, 218, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 218, 248) }
```

Border

The CSS property to change the border of an element to RYB 235, 218, 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(235, 218, 248) }
```

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

```
.border{ border-color:rgb(235, 218, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 218, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 218, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 218, 248);  
box-shadow:4px 4px 4px 4px rgb(235, 218,  
248) }
```

Background

The CSS property to change the background color of an element to RYB 235, 218, 248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 218, 248) }
```

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

```
.background{ background-color: rgb(235,  
218, 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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