

# Converting Colors

RGB(235, 216, 250)

Have a look what the booklet for  
RGB(235, 216, 250) contains.

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# **Color**

**RGB(235, 216, 250)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EBD8FA
RGB	235, 216, 250
RGB Percent	92%, 85%, 98%
CMY	0.0784, 0.1529, 0.0196
CMYK	0.06, 0.14, 0.00, 0.02
HSL	274°, 77%, 91%
HSV	274°, 14%, 98%
XYZ	76.0721, 73.6760, 100.6539
YIQ	225.5570, 0.4100, 14.6020

# Conversions

## Conversions Part 2

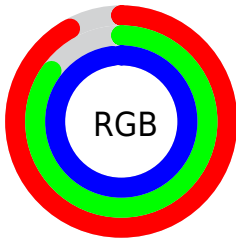
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	235, 216, 250
Decimal	15456506
CIE Lab	88.77, 12.64, -14.19
CIE LCh	89, 19.004, 311.684
Yxy	73.6760, 0.3038, 0.2942
Android (android.graphics.Color)	4293646586 (0xFFE8D8FA)
YUV	225.5570, 12.0504, 8.2815
Hunter-Lab	85.8347, 7.9871, -9.4420

# Details

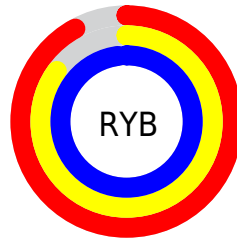
The RGB color **235, 216, 250** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **231, 250, 216**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is 255, 255, 255, and **179, 161, 193** is the 20% darker color. If you saturate the color by 10%, you get **224, 191, 250**, and if you desaturate by 10%, it is **246, 241, 250**.

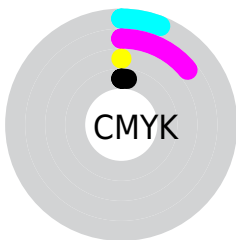
# Distribution



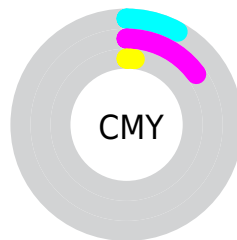
- Red (92%)
- Green (85%)
- Blue (98%)



- Red (92%)
- Yellow (85%)
- Blue (98%)



- Cyan (6%)
- Magenta (14%)
- Yellow (0%)
- Black (2%)



- Cyan (8%)
- Magenta (15%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 235, 216, 250 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 RGB color 235, 216, 250 by changing the saturation by 10% instead.



■ 235, 216, 250

255, 255, 255

■ 235, 216, 250

■ 207, 188, 221

■ 179, 161, 193

■ 152, 135, 166

■ 126, 110, 140

■ 101, 85, 114

■ 77, 62, 90


■ 54, 40, 66

■ 32, 20, 44


■ 5, 0, 24

 235, 216, 250


 235, 216, 250


 224, 191, 250


 246, 241, 250

 213, 166, 250

 255, 255, 250


 202, 141, 250

 191, 116, 250

 180, 91, 250

 169, 66, 250

 158, 41, 250

 147, 16, 250

 140, 0, 250

# Harmonies

## Analogous

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



212, 222, 255



235, 216, 250



253, 212, 235

# Triad

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



235, 216, 250



248, 218, 189



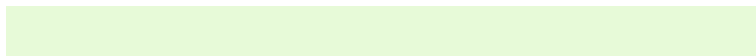
177, 234, 229

# Complementary

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



235, 216, 250



231, 250, 216

# 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.



190, 233, 211



235, 216, 250



230, 224, 187

# Square

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



235, 216, 250



255, 213, 200



209, 229, 196



177, 232, 246

# Rectangle

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



235, 216, 250



255, 210, 222



209, 229, 196



180, 234, 223



# Sweetspot

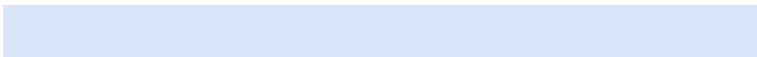
The Sweet Spot groups the original color and five complimentary colors.



235, 216, 250



251, 245, 255



216, 231, 250



125, 121, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



235, 216, 250



237, 214, 255



250, 216, 248



119, 112, 125



105, 0, 189



34, 0, 61



# Inverse Universe

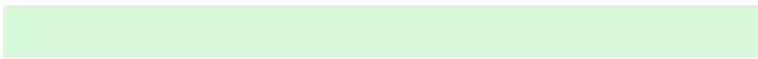
The Inverse Universe completely reimagines the original color for something new.



250, 216, 231



255, 214, 232



216, 250, 218



125, 112, 118



189, 0, 83

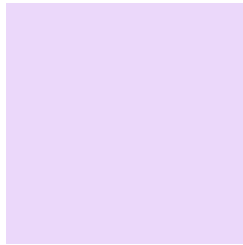


61, 0, 27



# Previews

## White Background



This preview shows how the RGB color 235, 216, 250 looks on a white background.

## Color Contrast Check

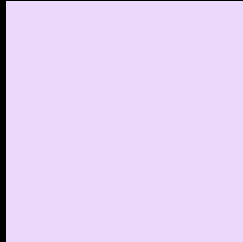
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the RGB color 235, 216, 250 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](#).



## RGB 235, 216, 250 Background



This preview shows how black text looks on a background with the RGB color 235, 216, 250.



This preview shows how white text looks on a background with the RGB color 235, 216, 250.

# 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**  
233, 218, 236

# Trichromacy



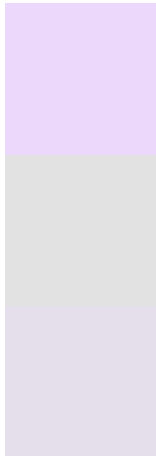
**Original Color**  
235, 216, 250

**Protanomaly**  
224, 219, 252

**Deuteranomaly**  
233, 217, 250

**Tritanomaly**  
234, 217, 241

# Monochromacy



**Original Color**  
235, 216, 250

**Achromatopsia**  
226, 226, 226

**Achromatomaly**  
229, 222, 235

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 235, 216, 250 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, 216, 250)` looks like.

```
.text, #text, p{  
    color:rgb(235, 216, 250)  
}
```

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, 216, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 216, 250) }
```

## Border

The CSS property to change the border of an element to RGB 235, 216, 250 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, 216, 250) }
```

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

```
.border{ border-color:rgb(235, 216, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 216, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 216, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 216, 250);  
box-shadow:4px 4px 4px 4px rgb(235, 216,  
250) }
```

# Background

The CSS property to change the background color of an element to RGB 235, 216, 250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 216, 250) }
```

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

```
.background{ background-color: rgb(235,  
216, 250) }
```

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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