

# Converting Colors

RGB(238, 218, 234)

Have a look what the booklet for  
RGB(238, 218, 234) contains.

<b>RGB(238, 218, 234)</b>	3
<i><b>Conversions</b></i>	4
<i><b>Details</b></i>	6
<i><b>Harmonies</b></i>	11
<i><b>Previews</b></i>	23
<i><b>Color Blindness Simulation</b></i>	26
<i><b>CSS Examples</b></i>	29

# Color

**RGB(238, 218, 234)**

# Conversions

Conversions Part 1	
Format	Color
Hex	EEDAEA
RGB	238, 218, 234
RGB Percent	93%, 85%, 92%
CMY	0.0667, 0.1451, 0.0824
CMYK	0.00, 0.08, 0.02, 0.07
HSL	312°, 37%, 89%
HSV	312°, 8%, 93%
XYZ	75.1826, 74.2605, 88.2131
YIQ	225.8040, 6.7840, 9.2160

# Conversions

## Conversions Part 2

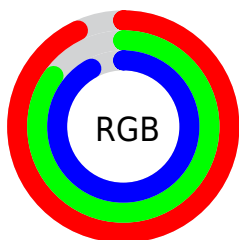
Format	Color
<a href="#">RYB</a>	<a href="#">238, 218, 234</a>
Decimal	<a href="#">15653610</a>
CIELab	<a href="#">89.05, 9.63, -5.33</a>
CIELCh	<a href="#">89, 11.009, 331.021</a>
Yxy	<a href="#">74.2605, 0.3164, 0.3125</a>
Android (android.graphics.Color)	<a href="#">4293843690</a> (0xFFEEDAEA)
YUV	<a href="#">225.8040, 4.0406, 10.6959</a>
Hunter-Lab	<a href="#">86.1745, 4.9262, -0.3704</a>

# Details

The RGB color **238, 218, 234** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **218, 238, 222**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is **255, 255, 255**, and **182, 163, 178** is the 20% darker color. If you saturate the color by 10%, you get **238, 194, 229**, and if you desaturate by 10%, it is **238, 242, 239**.

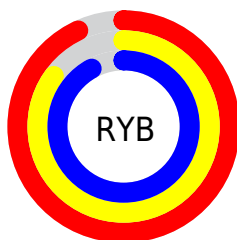
# Distribution



Red (93%)

Green (85%)

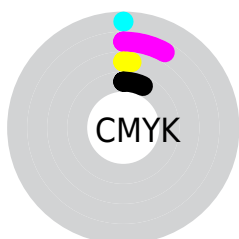
Blue (92%)



Red (93%)

Yellow (85%)

Blue (92%)

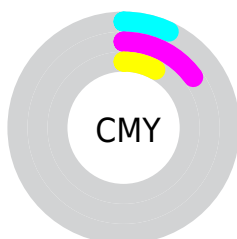


Cyan (0%)

Magenta (8%)

Yellow (2%)

Black (7%)



Cyan (7%)

Magenta (15%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 238, 218, 234 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 238, 218, 234 by changing the saturation by 10% instead.

 238, 218, 234

 238, 218, 234

255, 255, 255


 210, 190, 206

 182, 163, 178

 155, 137, 152

 129, 111, 126

 104, 87, 101

 80, 64, 77

 57, 42, 54

 35, 21, 33

 10, 0, 9

 238, 218, 234

 238, 218, 234

 238, 194, 229

 238, 242, 239

 238, 170, 224

 238, 255, 244

 238, 147, 220


 238, 255, 248


 238, 123, 215

 238, 255, 253

 238, 99, 210

 238, 255, 255

 238, 75, 205

 238, 51, 201

 238, 28, 196

 238, 4, 191

# Harmonies

## Analogous

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



226, 221, 242



238, 218, 234



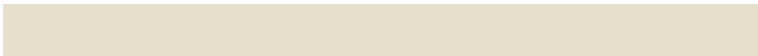
245, 217, 224

# Triad

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



238, 218, 234



232, 223, 203



198, 230, 234

# Complementary

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



238, 218, 234



218, 238, 222

# 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.



200, 230, 224



238, 218, 234



220, 226, 206

# Square

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



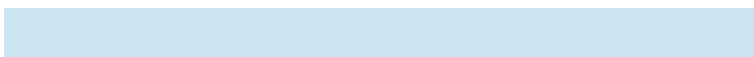
238, 218, 234



242, 220, 206



209, 229, 213



203, 228, 242

# Rectangle

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



238, 218, 234



247, 217, 217



209, 229, 213



198, 230, 231

# Sweetspot

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



238, 218, 234



255, 247, 253



222, 218, 238



128, 122, 126



0, 0, 0



128, 128, 128



# Same Dimension

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



238, 218, 234



255, 230, 250



238, 218, 224



120, 108, 117



184, 0, 147



56, 0, 45



# Inverse Universe

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



238, 218, 234



255, 230, 250



218, 238, 232



120, 108, 117



184, 0, 147

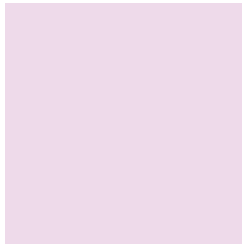


56, 0, 45



# Previews

## White Background



This preview shows how the RGB color 238, 218, 234 looks on a white background.

## Color Contrast Check

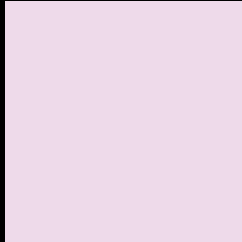
Large Text (above 18pt) WCAG AA × Fail

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 238, 218, 234 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

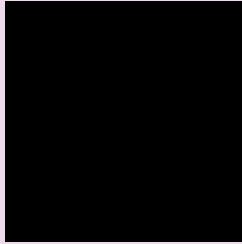
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

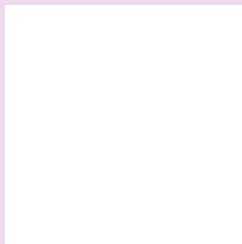
Any Text WCAG AAA ✓ Pass

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

## RGB 238, 218, 234 Background



This preview shows how black text looks on a background with the RGB color 238, 218, 234.

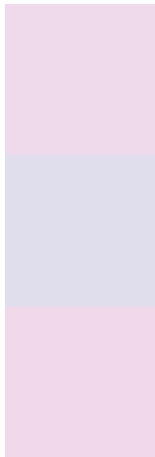


This preview shows how white text looks on a background with the RGB color 238, 218, 234.

# 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**  
[238](#), [218](#), [234](#)

**Protanopia**  
[224](#), [222](#), [237](#)

**Deuteranopia**  
[241](#), [217](#), [234](#)



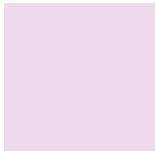
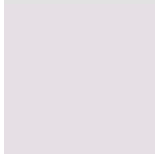
## Tritanopia

238, 218, 235

# Trichromacy

	<b>Original Color</b> 238, 218, 234
	<b>Protanomaly</b> 229, 221, 236
	<b>Deuteranomaly</b> 240, 217, 234
	<b>Tritanomaly</b> 238, 218, 235

# Monochromacy

	<b>Original Color</b> 238, 218, 234
	<b>Achromatopsia</b> 226, 226, 226
	<b>Achromatomaly</b> 230, 223, 229

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 238, 218, 234 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(238, 218, 234) looks like.

```
.text, #text, p{  
    color:rgb(238, 218, 234)  
}
```

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(238, 218, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 218, 234) }
```

## Border

The CSS property to change the border of an element to RGB 238, 218, 234 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(238, 218, 234) }
```

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

```
.border{ border-color:rgb(238, 218, 234) }
```

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

Here you see how a box with a 4 pixel rgb(238, 218, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 218, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 218, 234);  
box-shadow:4px 4px 4px 4px rgb(238, 218,  
234) }
```

# Background

The CSS property to change the background color of an element to RGB 238, 218, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 218, 234) }
```

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

```
.background{ background-color: rgb(238,  
218, 234) }
```

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