

# Converting Colors

RGB(238, 218, 241)

Have a look what the booklet for  
RGB(238, 218, 241) contains.

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# **Color**

**RGB(238, 218, 241)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EEDAF1
RGB	238, 218, 241
RGB Percent	93%, 85%, 95%
CMY	0.0667, 0.1451, 0.0549
CMYK	0.01, 0.10, 0.00, 0.05
HSL	292°, 45%, 90%
HSV	292°, 10%, 95%
XYZ	76.2085, 74.6708, 93.6154
YIQ	226.6020, 4.5370, 11.3930

# Conversions

## Conversions Part 2

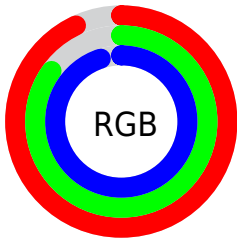
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	238, 218, 241
Decimal	15653617
CIE Lab	89.24, 10.89, -8.73
CIE LCh	89, 13.960, 321.282
Yxy	74.6708, 0.3117, 0.3054
Android (android.graphics.Color)	4293843697 (0xFFEEDAF1)
YUV	226.6020, 7.0982, 9.9960
Hunter-Lab	86.4123, 6.2007, -3.7437

# Details

The RGB color **238, 218, 241** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **221, 241, 218**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is 255, 255, 255, and **182, 163, 185** is the 20% darker color. If you saturate the color by 10%, you get **235, 194, 241**, and if you desaturate by 10%, it is **241, 242, 241**.

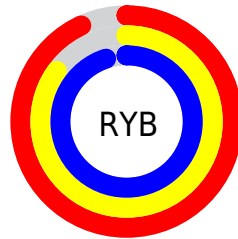
# Distribution



Red (93%)

Green (85%)

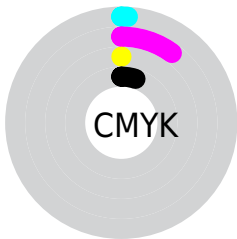
Blue (95%)



Red (93%)

Yellow (85%)

Blue (95%)

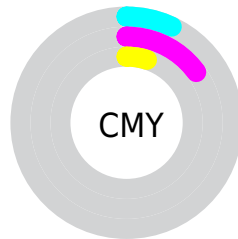


Cyan (1%)

Magenta (10%)

Yellow (0%)

Black (5%)



Cyan (7%)

Magenta (15%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 238, 218, 241 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, 241 by changing the saturation by 10% instead.



 238, 218, 241

255, 255, 255

 238, 218, 241

 210, 190, 213

 182, 163, 185

 155, 137, 158


 129, 111, 132

 104, 87, 107

 80, 64, 83

 57, 42, 59


 35, 21, 38


 11, 0, 17

 238, 218, 241

 238, 218, 241

 235, 194, 241

 241, 242, 241


 232, 170, 241

 244, 255, 241

 229, 146, 241

 247, 255, 241

 225, 122, 241

 251, 255, 241

 222, 98, 241


 254, 255, 241

 219, 73, 241

 255, 255, 241

 216, 49, 241

 213, 25, 241

 210, 1, 241

# Harmonies

## Analogous

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



222, 222, 249



238, 218, 241



249, 216, 229

# Triad

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



238, 218, 241



239, 222, 198



191, 232, 233

# Complementary

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



238, 218, 241



221, 241, 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.



197, 232, 220



238, 218, 241



225, 226, 199

# Square

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



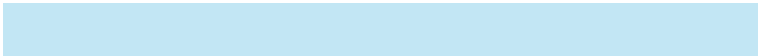
238, 218, 241



249, 218, 204



209, 230, 207



194, 230, 244

# Rectangle

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



238, 218, 241



253, 215, 220



209, 230, 207



192, 232, 229



# Sweetspot

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



238, 218, 241



254, 247, 255



218, 221, 241



127, 122, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



238, 218, 241



251, 227, 255



241, 218, 233



118, 108, 120



160, 0, 184



49, 0, 56



# Inverse Universe

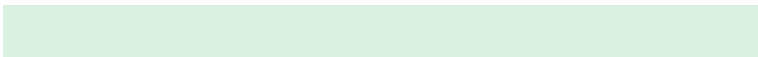
The Inverse Universe completely reimagines the original color for something new.



241, 218, 221



255, 227, 231



218, 241, 226



120, 108, 109



184, 0, 24

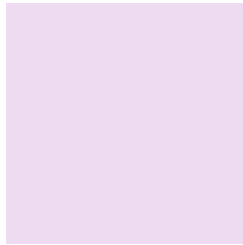


56, 0, 7



# Previews

## White Background



This preview shows how the RGB color 238, 218, 241 looks on a white background.

## Color Contrast Check

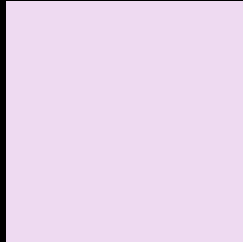
Large Text (above 18pt) WCAG AA × Fail

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, 241 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

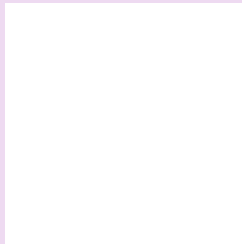
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 238, 218, 241 Background



This preview shows how black text looks on a background with the RGB color 238, 218, 241.



This preview shows how white text looks on a background with the RGB color 238, 218, 241.

# 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](#).

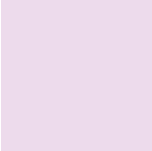
## Dichromacy



**Original Color**  
238, 218, 241

**Protanopia**  
223, 223, 244

**Deuteranopia**  
238, 218, 241



**Tritanopia**  
237, 219, 236

# Trichromacy



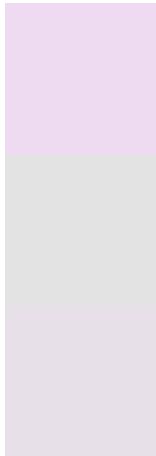
**Original Color**  
238, 218, 241

**Protanomaly**  
228, 221, 243

**Deuteranomaly**  
238, 218, 241

**Tritanomaly**  
237, 219, 238

# Monochromacy



**Original Color**  
238, 218, 241

**Achromatopsia**  
227, 227, 227

**Achromatomaly**  
231, 224, 232

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 238, 218, 241 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, 241) looks like.

```
.text, #text, p{  
    color:rgb(238, 218, 241)  
}
```

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, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 218, 241) }
```

## Border

The CSS property to change the border of an element to RGB 238, 218, 241 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, 241) }
```

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

```
.border{ border-color:rgb(238, 218, 241) }
```

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, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 218, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 218, 241);  
box-shadow:4px 4px 4px 4px rgb(238, 218,  
241) }
```

# Background

The CSS property to change the background color of an element to RGB 238, 218, 241 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, 241) }
```

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

```
.background{ background-color: rgb(238,  
218, 241) }
```

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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