

Converting Colors

RGB(238, 212, 255)

Have a look what the booklet for
RGB(238, 212, 255) contains.

RGB(238, 212, 255)	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

RGB(238, 212, 255)

Conversions

Conversions Part 1

Format	Color
Hex	EED4FF
RGB	238, 212, 255
RGB Percent	93%, 83%, 100%
CMY	0.0667, 0.1686, 0.0000
CMYK	0.07, 0.17, 0.00, 0.00
HSL	276°, 100%, 92%
HSV	276°, 17%, 100%
XYZ	76.8534, 72.4841, 104.5480
YIQ	224.6760, 1.6930, 18.8850

Conversions

Conversions Part 2

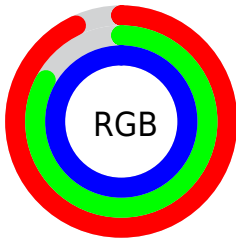
Format	Color
R _Y B	238, 212, 255
Decimal	15652095
CIE Lab	88.20, 16.67, -17.65
CIE LCh	88, 24.280, 313.361
Yxy	72.4841, 0.3027, 0.2855
Android (android.graphics.Color)	4293842175 (0xFFEED4FF)
YUV	224.6760, 14.9497, 11.6851
Hunter-Lab	85.1376, 12.1405, -13.2111

Details

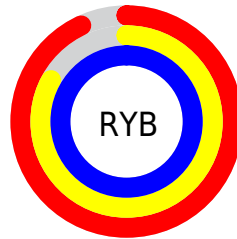
The RGB color **238, 212, 255** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **229, 255, 212**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is **255, 255, 255**, and **182, 157, 198** is the 20% darker color. If you saturate the color by 10%, you get **228, 187, 255**, and if you desaturate by 10%, it is **248, 238, 255**.

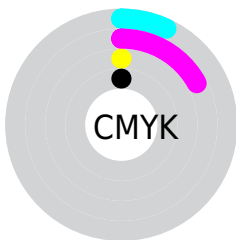
Distribution



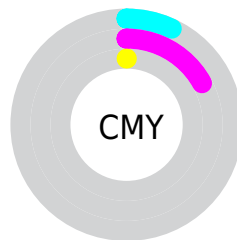
- Red (93%)
- Green (83%)
- Blue (100%)



- Red (93%)
- Yellow (83%)
- Blue (100%)



- Cyan (7%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 238, 212, 255 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, 212, 255 by changing the saturation by 10% instead.

■ 238, 212, 255

255, 255, 255

■ 238, 212, 255

■ 210, 184, 226

■ 182, 157, 198

■ 155, 131, 171

■ 129, 106, 144

■ 103, 82, 119

■ 79, 58, 94


■ 56, 36, 70

■ 33, 16, 48

■ 7, 0, 27

 238, 212, 255

 238, 212, 255


 228, 187, 255

 248, 238, 255


 218, 161, 255

255, 255, 255

 208, 136, 255

 198, 110, 255

 188, 85, 255

 178, 59, 255

 167, 33, 255

 157, 8, 255

 154, 0, 255

Harmonies

Analogous

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



208, 220, 255



238, 212, 255



255, 206, 235

Triad

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



238, 212, 255



251, 215, 178



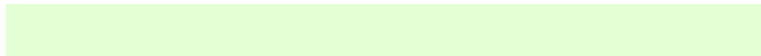
160, 235, 231

Complementary

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



238, 212, 255



229, 255, 212

Split Complementary

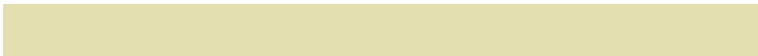
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



177, 234, 207



238, 212, 255



228, 223, 176

Square

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



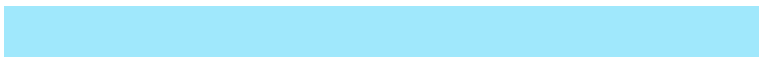
238, 212, 255



255, 209, 191



202, 230, 187



160, 232, 252

Rectangle

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



238, 212, 255



255, 205, 219



202, 230, 187



164, 235, 223

Sweetspot

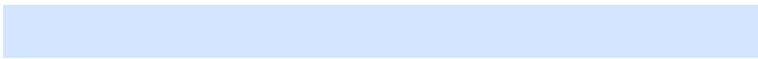
The Sweet Spot groups the original color and five complimentary colors.



238, 212, 255



250, 242, 255



212, 229, 255



124, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



238, 212, 255



235, 204, 255



255, 212, 251



122, 115, 128



116, 0, 191



39, 0, 64

Inverse Universe

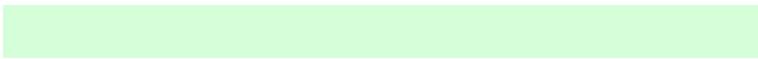
The Inverse Universe completely reimagines the original color for something new.



255, 212, 229



255, 204, 224



212, 255, 216



128, 115, 120



191, 0, 76



64, 0, 25

Previews

White Background



This preview shows how the RGB color 238, 212, 255 looks on a white background.

Color Contrast Check

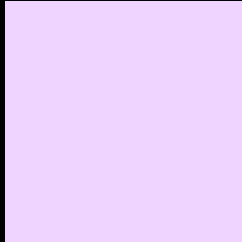
Large Text (above 18pt) WCAG AA × Fail

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, 212, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

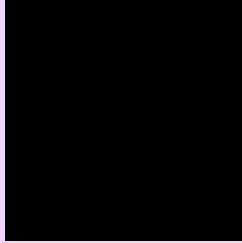
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

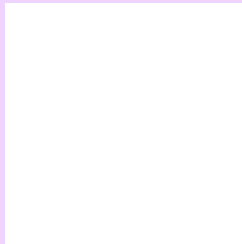
Any Text WCAG AAA ✓ Pass

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

RGB 238, 212, 255 Background



This preview shows how black text looks on a background with the RGB color 238, 212, 255.

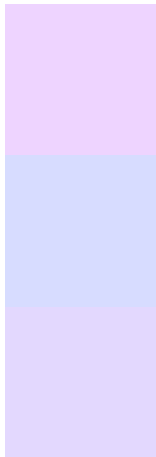


This preview shows how white text looks on a background with the RGB color 238, 212, 255.

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](#).

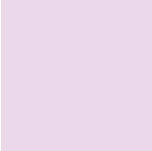
Dichromacy



Original Color
238, 212, 255

Protanopia
215, 220, 255

Deuteranopia
227, 216, 254



Tritanopia
235, 216, 233

Trichromacy



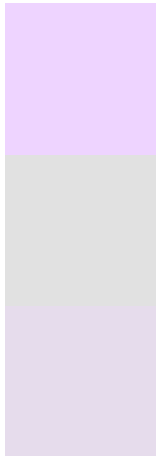
Original Color
238, 212, 255

Protanomaly
223, 217, 255

Deuteranomaly
231, 215, 254

Tritanomaly
236, 215, 241

Monochromacy



Original Color
238, 212, 255

Achromatopsia
225, 225, 225

Achromatomaly
230, 220, 236

CSS Examples

Text

The CSS property to change the color of the text to RGB 238, 212, 255 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, 212, 255) looks like.

```
.text, #text, p{  
    color:rgb(238, 212, 255)  
}
```

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, 212, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 212, 255) }
```

Border

The CSS property to change the border of an element to RGB 238, 212, 255 is called "border". The border property can be set on classes, ids or directly on the HTML element.

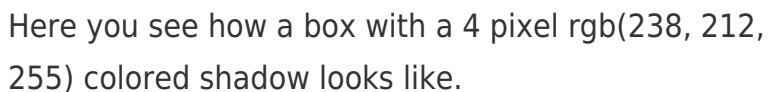
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(238, 212, 255) }
```

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

```
.border{ border-color:rgb(238, 212, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(238, 212, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 212, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 212, 255);  
box-shadow:4px 4px 4px 4px rgb(238, 212,  
255) }
```

Background

The CSS property to change the background color of an element to RGB 238, 212, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 212, 255) }
```

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

```
.background{ background-color: rgb(238,  
212, 255) }
```

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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