

Converting Colors

RGB(238, 196, 232)

Have a look what the booklet for
RGB(238, 196, 232) contains.

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Color

RGB(238, 196, 232)

Conversions

Conversions Part 1

Format	Color
Hex	EEC4E8
RGB	238, 196, 232
RGB Percent	93%, 77%, 91%
CMY	0.0667, 0.2314, 0.0902
CMYK	0.00, 0.18, 0.03, 0.07
HSL	309°, 55%, 85%
HSV	309°, 18%, 93%
XYZ	69.5653, 63.4832, 84.9309
YIQ	212.6620, 13.4760, 20.1000

Conversions

Conversions Part 2

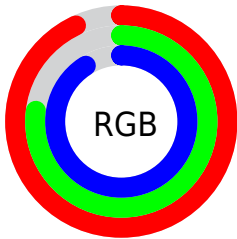
Format	Color
R _Y B	238, 196, 232
Decimal	15647976
CIE Lab	83.70, 20.87, -12.22
CIE LCh	84, 24.184, 329.663
Yxy	63.4832, 0.3191, 0.2912
Android (android.graphics.Color)	4293838056 (0xFFEEC4E8)
YUV	212.6620, 9.5336, 22.2214
Hunter-Lab	79.6763, 16.4145, -7.4267

Details

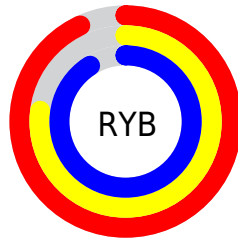
The RGB color **238, 196, 232** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **196, 238, 202**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is 255, 253, 255, and **182, 142, 176** is the 20% darker color. If you saturate the color by 10%, you get **238, 172, 229**, and if you desaturate by 10%, it is **238, 220, 235**.

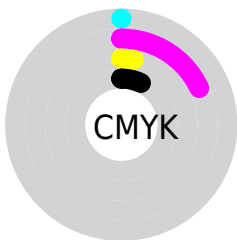
Distribution



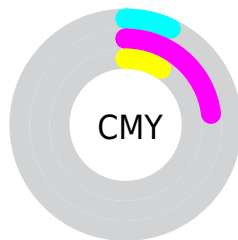
- Red (93%)
- Green (77%)
- Blue (91%)



- Red (93%)
- Yellow (77%)
- Blue (91%)



- Cyan (0%)
- Magenta (18%)
- Yellow (3%)
- Black (7%)



- Cyan (7%)
- Magenta (23%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 238, 196, 232 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, 196, 232 by changing the saturation by 10% instead.

 238, 196, 232

255, 255, 255


 255, 253, 255

 238, 196, 232

 210, 169, 204


 182, 142, 176

 155, 116, 150

 128, 91, 124

 103, 68, 99

 78, 45, 75

 55, 23, 52

 34, 0, 31

 0, 0, 3

 238, 196, 232

 238, 196, 232

 238, 172, 229

 238, 220, 235

 238, 148, 225


 238, 244, 239

 238, 125, 222


 238, 255, 242

 238, 101, 218

 238, 255, 246

 238, 77, 215

 238, 255, 249

 238, 53, 212

 238, 255, 252

 238, 29, 208

 238, 255, 255

 238, 6, 205

 238, 0, 204

Harmonies

Analogous

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



212, 203, 248



238, 196, 232



253, 193, 210

Triad

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



238, 196, 232



226, 207, 163



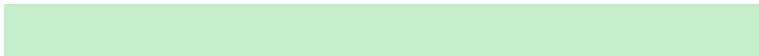
145, 221, 230

Complementary

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



238, 196, 232



196, 238, 202

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.



154, 222, 208



238, 196, 232



202, 214, 169

Square

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



238, 196, 232



245, 200, 170



176, 219, 185



156, 217, 247

Rectangle

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



238, 196, 232



255, 193, 194



176, 219, 185



146, 222, 223

Sweetspot

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



238, 196, 232



255, 242, 253



202, 196, 238



128, 120, 126



0, 0, 0



128, 128, 128

Same Dimension

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



238, 196, 232



255, 201, 247



238, 196, 211



120, 108, 118



184, 0, 157



56, 0, 48

Inverse Universe

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



238, 196, 232



255, 201, 247



196, 238, 223



120, 108, 118



184, 0, 157



56, 0, 48

Previews

White Background



This preview shows how the RGB color 238, 196, 232 looks on a white background.

Color Contrast Check

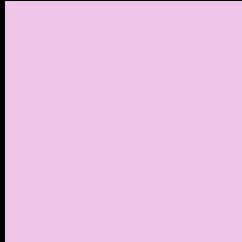
Large Text (above 18pt) WCAG AA × Fail

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, 196, 232 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, 196, 232 Background



This preview shows how black text looks on a background with the RGB color 238, 196, 232.



This preview shows how white text looks on a background with the RGB color 238, 196, 232.

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, 196, 232

Protanopia
203, 207, 239

Deuteranopia
219, 203, 231



Tritanopia
236, 199, 215

Trichromacy



Original Color
238, 196, 232

Protanomaly
216, 203, 236

Deuteranomaly
226, 200, 231

Tritanomaly
237, 198, 221

Monochromacy



Original Color
238, 196, 232

Achromatopsia
213, 213, 213

Achromatomaly
222, 207, 220

CSS Examples

Text

The CSS property to change the color of the text to RGB 238, 196, 232 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, 196, 232)` looks like.

```
.text, #text, p{  
    color:rgb(238, 196, 232)  
}
```

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, 196, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 196, 232) }
```

Border

The CSS property to change the border of an element to RGB 238, 196, 232 is called "border". The border property can be set on classes, ids or directly on the HTML element.

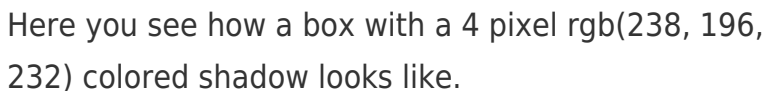
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(238, 196, 232) }
```

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

```
.border{ border-color:rgb(238, 196, 232) }
```

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



Here you see how a box with a 4 pixel `rgb(238, 196, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 196, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 196, 232); box-shadow:4px 4px 4px 4px rgb(238, 196, 232) }
```

Background

The CSS property to change the background color of an element to RGB 238, 196, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 196, 232) }
```

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

```
.background{ background-color: rgb(238,  
196, 232) }
```

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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