Converting Colors

RGB(236, 196, 245)

Have a look what the booklet for RGB(236, 196, 245) contains.

Color

RGB(236, 196, 245)

Conversions

Format	Color
Hex	ECC4F5
RGB	236, 196, 245
RGB Percent	93%, 77%, 96%
CMY	0.0745, 0.2314, 0.0392
CMYK	0.04, 0.20, 0.00, 0.04
HSL	289°, 71%, 86%
HSV	289°, 20%, 96%
XYZ	70.8134, 63.9053, 94.9889
YIQ	213.5460, 8.1110, 23.7190

Conversions Part 1

Conversions

Conversions Part 2

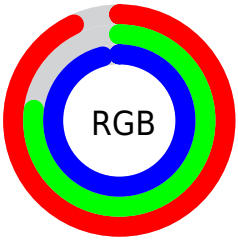
Format	Color
RYB	236, 196, 245
Decimal	15516917
CIELab	83.92, 22.60, -18.83
CIELCh	84, 29.420, 320.196
Yxy	63.9053, 0.3083, 0.2782
Android (android.graphics.Color)	4293706997 (0xFFECC4F5)
YUV	213.5460, 15.5068, 19.6922
Hunter-Lab	79.9408, 18.2231, -14.4922

Details

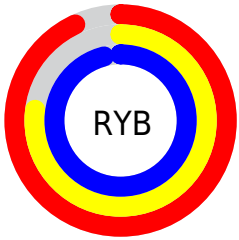
The RGB color 236, 196, 245 is a light color, and the websafe version is hex FFCCFF. A complement of this color would be 205, 245, 196, and the grayscale version is 213, 213, 213.

A 20% lighter version of the original color is 255, 253, 255, and 180, 142, 189 is the 20% darker color. If you saturate the color by 10%, you get 232, 171, 245, and if you desaturate by 10%, it is 241, 221, 245.

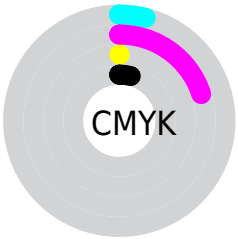
Distribution



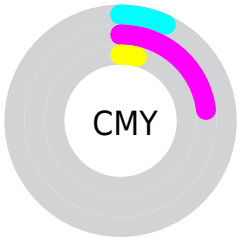
- Red (93%)
- Green (77%)
- Blue (96%)



- Red (93%)
- Yellow (77%)
- Blue (96%)



- Cyan (4%)
- Magenta (20%)
- Yellow (0%)
- Black (4%)



- Cyan (7%)
- Magenta (23%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 236, 196, 245 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 236, 196, 245 by changing the saturation by 10% instead.

236, 196, 245

255, 255, 255

255, 253, 255

236, 196, 245

208, 169, 217

180, 142, 189

153, 116, 162

127, 91, 135

101, 68, 110

77, 45, 85

53, 23, 62

32, 0, 40

0, 1, 18

236, 196, 245

232, 171, 245

227, 147, 245

223, 123, 245

218, 98, 245

214, 74, 245

209, 49, 245

205, 24, 245

200, 0, 245

236, 196, 245

241, 221, 245

245, 245, 245

250, 255, 245

254, 255, 245

255, 255, 245

Harmonies

Analogous

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

201, 205, 255

236, 196, 245

255, 190, 220

Triad

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

236, 196, 245

238, 204, 155

129, 225, 227

Complementary

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

236, 196, 245

205, 245, 196

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.

148, 224, 199

236, 196, 245

210, 213, 157

Square

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

236, 196, 245

255, 195, 168

178, 220, 173

134, 221, 251

Rectangle

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

236, 196, 245

255, 189, 201

178, 220, 173

133, 225, 218

Sweetspot

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

236, 196, 245

252, 240, 255

196, 206, 245

126, 119, 128

0, 0, 0

128, 128, 128

Same Dimension

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

236, 196, 245

244, 194, 255

245, 196, 230

120, 110, 122

152, 0, 186

48, 0, 59

Inverse Universe

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

245, 196, 205

255, 194, 205

196, 245, 211

122, 110, 112

186, 0, 34

59, 0, 11

Previews

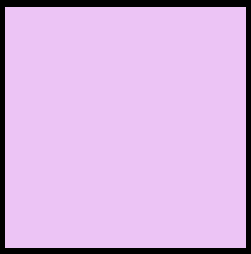
White Background

This preview shows how the RGB color 236, 196, 245 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



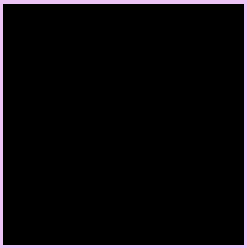
This preview shows how the RGB color 236, 196, 245 looks on a black background.

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 236, 196, 245 Background



This preview shows how black text looks on a background with the RGB color 236, 196, 245.

This preview shows how white text looks on a background with the RGB color 236, 196, 245.

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
236, 196, 245

Protanopia
200, 208, 253

Deuteranopia
214, 204, 243

Tritanopia
232, 201, 217

Trichromacy

Original Color
236, 196, 245

Protanomaly
213, 204, 250

Deuteranomaly
222, 201, 244

Tritanomaly
233, 199, 227

Monochromacy

Original Color
236, 196, 245

Achromatopsia
214, 214, 214

Achromatomaly
222, 207, 225

CSS Examples

Text

The CSS property to change the color of the text to RGB 236, 196, 245 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(236, 196, 245) looks like.

```
.text, #text, p{
    color:rgb(236, 196, 245)
}
```

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(236, 196, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 196, 245) }
```

Border

The CSS property to change the border of an element to RGB 236, 196, 245 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(236, 196, 245) }
```

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

```
.border{ border-color:rgb(236, 196, 245) }
```

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

Here you see how a box with a 4 pixel rgb(236, 196, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 196, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 196, 245); box-shadow:4px 4px 4px 4px rgb(236, 196, 245) }
```

Background

The CSS property to change the background color of an element to RGB 236, 196, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(236, 196, 245) }
```

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

```
.background{ background-color:rgb(236,
196, 245) }
```

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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