Converting Colors

RGB(240, 215, 239)

Have a look what the booklet for RGB(240, 215, 239) contains.

Color

RGB(240, 215, 239)

Conversions

Format	Color
	Conversions Part 1
Hex	F0D7EF
RGB	240, 215, 239
RGB Percent	94%, 84%, 94%
CMY	0.0588, 0.1569, 0.0627
CMYK	0.00, 0.10, 0.00, 0.06
HSL	302°, 45%, 89%
HSV	302°, 10%, 94%
XYZ	75.8156, 73.3581, 91.8250
YIQ	225.2110, 7.1960, 12.7640

Conversions

Conversions Part 2

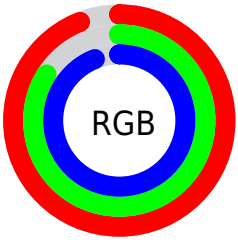
Format	Color
RYB	240, 215, 239
Decimal	15783919
CIELab	88.62, 12.77, -8.58
CIELCh	89, 15.382, 326.092
Yxy	73.3581, 0.3146, 0.3044
Android (android.graphics.Color)	4293973999 (0xFFF0D7EF)
YUV	225.2110, 6.7980, 12.9700
Hunter-Lab	85.6494, 8.1193, -3.6105

Details

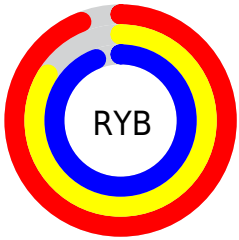
The RGB color 240, 215, 239 is a light color, and the websafe version is hex FFCCCC. A complement of this color would be 215, 240, 216, and the grayscale version is 225, 225, 225.

A 20% lighter version of the original color is 255, 255, 255, and 184, 160, 183 is the 20% darker color. If you saturate the color by 10%, you get 240, 191, 238, and if you desaturate by 10%, it is 240, 239, 240.

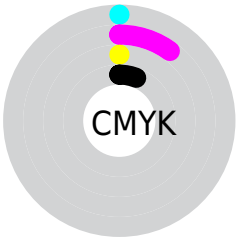
Distribution



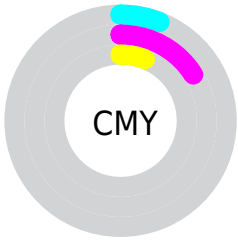
- Red (94%)
- Green (84%)
- Blue (94%)



- Red (94%)
- Yellow (84%)
- Blue (94%)



- Cyan (0%)
- Magenta (10%)
- Yellow (0%)
- Black (6%)



- Cyan (6%)
- Magenta (16%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 240, 215, 239 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 240, 215, 239 by changing the saturation by 10% instead.

240, 215, 239

255, 255, 255

240, 215, 239

212, 187, 211

184, 160, 183

157, 134, 156

131, 109, 130

105, 84, 105

81, 61, 81

58, 39, 58

36, 19, 36

11, 0, 15

240, 215, 239	240, 215, 239
240, 191, 238	240, 239, 240
240, 167, 237	240, 255, 241
240, 143, 236	240, 255, 242
240, 119, 235	240, 255, 243
240, 95, 234	240, 255, 244
240, 71, 233	240, 255, 245
240, 47, 232	240, 255, 246
240, 23, 231	240, 255, 247
240, 0, 230	240, 255, 248

Harmonies

Analogous

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

223, 219, 249

240, 215, 239

251, 213, 225

Triad

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

240, 215, 239

236, 221, 193

185, 231, 235

Complementary

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

240, 215, 239

215, 240, 216

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.

190, 231, 220

240, 215, 239

220, 225, 196

Square

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

240, 215, 239

249, 216, 199

204, 229, 206

190, 228, 246

Rectangle

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

240, 215, 239

254, 213, 215

204, 229, 206

186, 231, 230

Sweetspot

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

240, 215, 239

255, 247, 255

216, 215, 240

128, 122, 127

0, 0, 0

128, 128, 128

Same Dimension

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

240, 215, 239

255, 222, 254

240, 215, 227

120, 108, 119

184, 0, 176

56, 0, 54

Inverse Universe

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

240, 215, 239

255, 222, 254

215, 240, 228

120, 108, 119

184, 0, 176

56, 0, 54

Previews

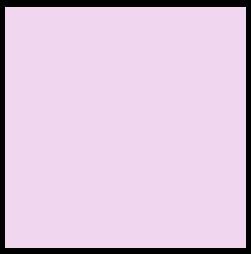
White Background

This preview shows how the RGB color 240, 215, 239 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



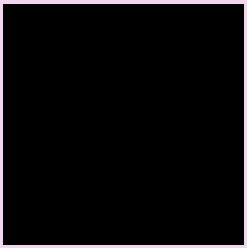
This preview shows how the RGB color 240, 215, 239 looks on a black background.

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 240, 215, 239 Background



This preview shows how black text looks on a background with the RGB color 240, 215, 239.

This preview shows how white text looks on a background with the RGB color 240, 215, 239.

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
240, 215, 239

Protanopia
221, 221, 243

Deuteranopia
237, 216, 239

Tritanopia
239, 216, 233

Trichromacy

Original Color
240, 215, 239

Protanomaly
228, 219, 242

Deuteranomaly
238, 216, 239

Tritanomaly
239, 216, 235

Monochromacy

Original Color
240, 215, 239

Achromatopsia
225, 225, 225

Achromatomaly
230, 221, 230

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 215, 239 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(240, 215, 239) looks like.

```
.text, #text, p{
    color:rgb(240, 215, 239)
}
```

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(240, 215, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 215, 239) }
```

Border

The CSS property to change the border of an element to RGB 240, 215, 239 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(240, 215, 239) }
```

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

```
.border{ border-color:rgb(240, 215, 239) }
```

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

Here you see how a box with a 4 pixel rgb(240, 215, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(240, 215, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(240, 215, 239); box-shadow:4px 4px 4px 4px rgb(240, 215, 239) }
```

Background

The CSS property to change the background color of an element to RGB 240, 215, 239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(240, 215, 239) }
```

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

```
.background{ background-color:rgb(240,
215, 239) }
```

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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