Converting Colors

RYB(250, 215, 242)

Have a look what the booklet for RYB(250, 215, 242) contains.

RYB(250, 215, 242) 3
- ***Conversions*** 4
- ***Details*** 6
- ***Harmonies*** 11
- ***Previews*** 23
- ***Color Blindness Simulation*** 26
- ***CSS Examples*** 29

Color

RYB(250, 215, 242)

Conversions

Conversions Part 1

Format	Color
Hex	FAD7F2
RGB	250, 215, 242
RGB Percent	98%, 84%, 95%
CMY	0.0196, 0.1569, 0.0510
CMYK	0.00, 0.14, 0.03, 0.02
HSL	314°, 78%, 91%
HSV	314°, 14%, 98%
XYZ	79.7518, 75.3357, 94.3423
YIQ	228.5430, 12.1930, 15.8170

Conversions

Conversions Part 2

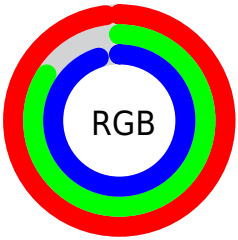
Format	Color
RYB	250, 215, 242
Decimal	16439282
CIELab	89.55, 16.64, -8.69
CIELCh	90, 18.770, 332.436
Yxy	75.3357, 0.3197, 0.3020
Android (android.graphics.Color)	4294629362 (0xFFFAD7F2)
YUV	228.5430, 6.6343, 18.8178
Hunter-Lab	86.7961, 12.1198, -3.6874

Details

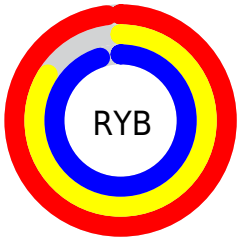
The RYB color 250, 215, 242 is a light color, and the websafe version is hex FFCCFF. A complement of this color would be 215, 243, 250, and the grayscale version is 228, 228, 228.

A 20% lighter version of the original color is 255, 255, 255, and 193, 160, 186 is the 20% darker color. If you saturate the color by 10%, you get 250, 190, 236, and if you desaturate by 10%, it is 250, 240, 248.

Distribution

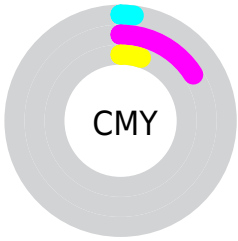


- Red (98%)
- Green (84%)
- Blue (95%)



- Red (98%)
- Yellow (84%)
- Blue (95%)

- Cyan (0%)
- Magenta (14%)
- Yellow (3%)
- Black (2%)



- Cyan (2%)
- Magenta (16%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 250, 215, 242 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 RYB color 250, 215, 242 by changing the saturation by 10% instead.

250, 215, 242

255, 255, 255

250, 215, 242

221, 187, 214

193, 160, 186

166, 134, 159

139, 108, 133

114, 84, 108

89, 61, 83

65, 38, 60

43, 18, 38

24, 0, 18

250, 215, 242

250, 190, 236

250, 165, 231

250, 140, 225

250, 115, 219

250, 90, 213

250, 65, 208

250, 40, 202

250, 15, 196

250, 0, 193

250, 215, 242

250, 240, 248

250, 253, 255

250, 253, 255

Harmonies

Analogous

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

230, 220, 255

250, 215, 242

255, 213, 224

Triad

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

250, 215, 242

209, 238, 189

178, 209, 244

Complementary

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

250, 215, 242

215, 243, 250

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.

183, 212, 236

250, 215, 242

195, 230, 207

Square

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

250, 215, 242

254, 234, 194

198, 226, 234

188, 214, 255

Rectangle

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

250, 215, 242

255, 213, 212

198, 226, 234

178, 207, 238

Sweetspot

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

250, 215, 242

255, 245, 253

223, 215, 250

128, 121, 126

0, 0, 0

128, 128, 128

Same Dimension

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

250, 215, 242

255, 212, 245

250, 215, 225

125, 112, 122

189, 0, 146

61, 0, 47

Inverse Universe

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

250, 215, 242

255, 212, 245

215, 235, 250

125, 112, 122

189, 0, 146

61, 0, 47

Previews

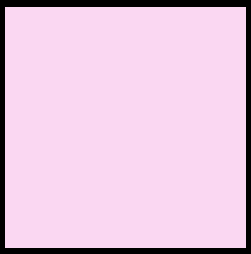
White Background

This preview shows how the RYB color 250, 215, 242 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



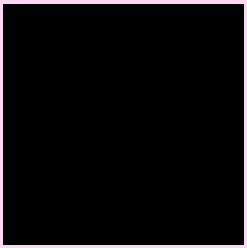
This preview shows how the RYB color 250, 215, 242 looks on a black background.

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.

RYB 250, 215, 242 Background



This preview shows how black text looks on a background with the RYB color 250, 215, 242.

This preview shows how white text looks on a background with the RYB color 250, 215, 242.

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
250, 215, 242

Protanopia
223, 224, 247

Deuteranopia
240, 219, 241

Tritanopia
249, 216, 233

Trichromacy

Original Color
250, 215, 242

Protanomaly
233, 221, 245

Deuteranomaly
244, 218, 241

Tritanomaly
249, 216, 236

Monochromacy

Original Color
250, 215, 242

Achromatopsia
229, 229, 229

Achromatomaly
237, 224, 234

CSS Examples

Text

The CSS property to change the color of the text to RYB 250, 215, 242 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(250, 215, 242) looks like.

```
.text, #text, p{
    color:rgb(250, 215, 242)
}
```

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(250, 215, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 215, 242) }
```

Border

The CSS property to change the border of an element to RYB 250, 215, 242 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(250, 215, 242) }
```

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

```
.border{ border-color:rgb(250, 215, 242) }
```

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

Here you see how a box with a 4 pixel rgb(250, 215, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(250, 215, 242); -webkit-box-shadow:4px 4px 4px 4px rgb(250, 215, 242); box-shadow:4px 4px 4px 4px rgb(250, 215, 242) }
```

Background

The CSS property to change the background color of an element to RYB 250, 215, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(250, 215, 242) }
```

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

```
.background{ background-color:rgb(250,
215, 242) }
```

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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