

Converting Colors

`RYB(242, 202, 250)`

Have a look what the booklet for
RYB(242, 202, 250) contains.

RYB(242, 202, 250)	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

R_YB(242, 202, 250)

Conversions

Conversions Part 1

Format	Color
Hex	F2CAFA
RGB	242, 202, 250
RGB Percent	95%, 79%, 98%
CMY	0.0510, 0.2078, 0.0196
CMYK	0.03, 0.19, 0.00, 0.02
HSL	290°, 83%, 89%
HSV	290°, 19%, 98%
XYZ	74.9938, 68.0204, 99.6191
YIQ	219.4320, 8.4320, 23.4080

Conversions

Conversions Part 2

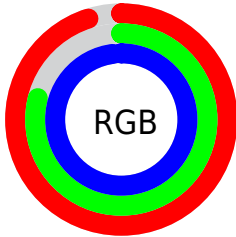
Format	Color
R _Y B	242, 202, 250
Decimal	15911674
CIE Lab	86.02, 22.30, -18.27
CIE LCh	86, 28.826, 320.673
Yxy	68.0204, 0.3091, 0.2803
Android (android.graphics.Color)	4294101754 (0xFFF2CAFA)
YUV	219.4320, 15.0700, 19.7921
Hunter-Lab	82.4745, 17.9791, -13.8829

Details

The RYB color **242, 202, 250** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **202, 250, 242**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is 255, 255, 255, and **186, 148, 193** is the 20% darker color. If you saturate the color by 10%, you get **238, 177, 250**, and if you desaturate by 10%, it is **246, 227, 250**.

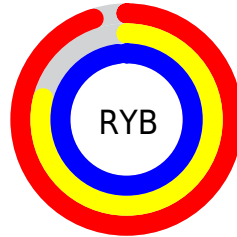
Distribution



Red (95%)

Green (79%)

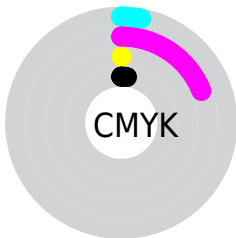
Blue (98%)



Red (95%)

Yellow (79%)

Blue (98%)

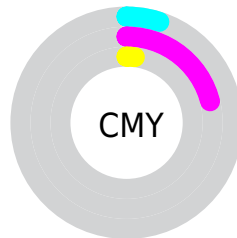


Cyan (3%)

Magenta (19%)

Yellow (0%)

Black (2%)



Cyan (5%)

Magenta (21%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RYB color 242, 202, 250 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 242, 202, 250 by changing the saturation by 10% instead.

 242, 202, 250

255, 255, 255

 242, 202, 250

 213, 174, 221


 186, 148, 193

 158, 122, 166

 132, 97, 140

 106, 73, 114

 82, 50, 90


 58, 28, 66

 36, 5, 44

 0, 0, 23

 242, 202, 250


 242, 202, 250

 238, 177, 250

 246, 227, 250


 234, 152, 250

 250, 252, 252


 230, 127, 250

 250, 255, 250

 225, 102, 250

 221, 77, 250

 217, 52, 250

 213, 27, 250

 209, 2, 250

 208, 0, 250

Harmonies

Analogous

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



208, 211, 255



242, 202, 250



255, 196, 225

Triad

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



242, 202, 250



218, 243, 162



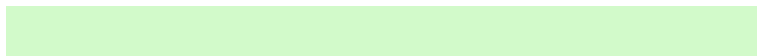
137, 184, 233

Complementary

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



242, 202, 250



202, 250, 242

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.



155, 200, 230



242, 202, 250



164, 219, 167

Square

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



242, 202, 250



255, 217, 174



180, 226, 222



142, 191, 255

Rectangle

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



242, 202, 250



255, 195, 206



180, 226, 222



141, 188, 231

Sweetspot

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



242, 202, 250



252, 240, 255



202, 209, 250



126, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



242, 202, 250



245, 196, 255



250, 202, 234



123, 112, 125



157, 0, 189



51, 0, 61

Inverse Universe

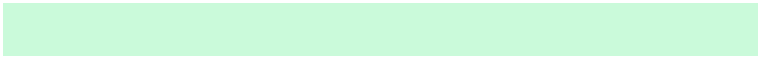
The Inverse Universe completely reimagines the original color for something new.



250, 202, 210



255, 196, 206



202, 238, 250



125, 112, 115



189, 0, 31



61, 0, 10

Previews

White Background



This preview shows how the RYB color 242, 202, 250 looks on a white background.

Color Contrast Check

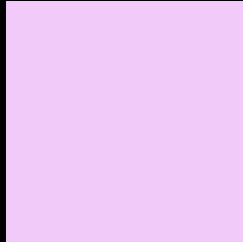
Large Text (above 18pt) WCAG AA × Fail

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 242, 202, 250 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

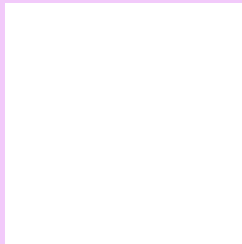
Any Text WCAG AAA ✓ Pass

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

RYP 242, 202, 250 Background



This preview shows how black text looks on a background with the RYB color 242, 202, 250.



This preview shows how white text looks on a background with the RYB color 242, 202, 250.

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





Tritanopia
238, 207, 223

Trichromacy



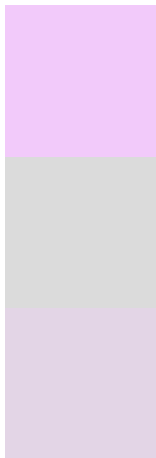
Original Color
242, 202, 250

Protanomaly
220, 210, 253

Deuteranomaly
228, 207, 249

Tritanomaly
239, 205, 233

Monochromacy



Original Color
242, 202, 250

Achromatopsia
219, 219, 219

Achromatomaly
227, 213, 230

CSS Examples

Text

The CSS property to change the color of the text to RYB 242, 202, 250 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(242, 202, 250) looks like.

```
.text, #text, p{  
    color:rgb(242, 202, 250)  
}
```

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(242, 202, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 202, 250) }
```

Border

The CSS property to change the border of an element to RYB 242, 202, 250 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(242, 202, 250) }
```

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

```
.border{ border-color:rgb(242, 202, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 202, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 202, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 202, 250);  
box-shadow:4px 4px 4px 4px rgb(242, 202,  
250) }
```

Background

The CSS property to change the background color of an element to RYB 242, 202, 250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 202, 250) }
```

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

```
.background{ background-color: rgb(242,  
202, 250) }
```

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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