

Converting Colors

RGB(242, 199, 221)

Have a look what the booklet for
RGB(242, 199, 221) contains.

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Color

RGB(242, 199, 221)

Conversions

Conversions Part 1

Format	Color
Hex	F2C7DD
RGB	242, 199, 221
RGB Percent	95%, 78%, 87%
CMY	0.0510, 0.2196, 0.1333
CMYK	0.00, 0.18, 0.09, 0.05
HSL	329°, 62%, 86%
HSV	329°, 18%, 95%
XYZ	70.0925, 64.9446, 77.2479
YIQ	214.3650, 18.5660, 15.9580

Conversions

Conversions Part 2

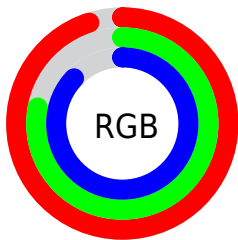
Format	Color
R _Y B	242, 199, 221
Decimal	15910877
CIE Lab	84.46, 18.74, -5.18
CIE LCh	84, 19.438, 344.550
Yxy	64.9446, 0.3302, 0.3059
Android (android.graphics.Color)	4294100957 (0xFF2C7DD)
YUV	214.3650, 3.2711, 24.2359
Hunter-Lab	80.5882, 14.2232, -0.4208

Details

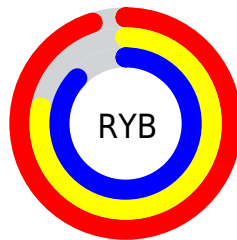
The RGB color **242, 199, 221** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **199, 242, 220**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is 255, 255, 255, and **186, 145, 166** is the 20% darker color. If you saturate the color by 10%, you get **242, 175, 209**, and if you desaturate by 10%, it is **242, 223, 233**.

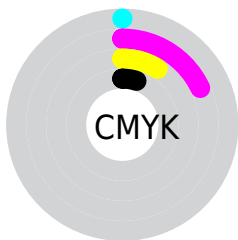
Distribution



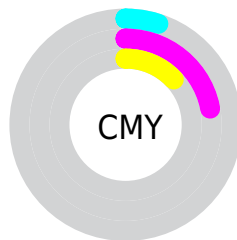
- Red (95%)
- Green (78%)
- Blue (87%)



- Red (95%)
- Yellow (78%)
- Blue (87%)



- Cyan (0%)
- Magenta (18%)
- Yellow (9%)
- Black (5%)



- Cyan (5%)
- Magenta (22%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 242, 199, 221 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 242, 199, 221 by changing the saturation by 10% instead.

■ 242, 199, 221

255, 255, 255

■ 242, 199, 221

■ 213, 172, 193

■ 186, 145, 166

■ 158, 119, 140

■ 132, 94, 114

■ 106, 70, 90

■ 82, 47, 66


■ 58, 26, 44

■ 36, 2, 24


■ 0, 0, 0

 242, 199, 221


 242, 199, 221

 242, 175, 209


 242, 223, 233

 242, 151, 197


 242, 247, 245


 242, 126, 186

 242, 255, 255

 242, 102, 174

 242, 78, 162

 242, 54, 150

 242, 30, 138

 242, 5, 126

 242, 0, 124

Harmonies

Analogous

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



225, 203, 237



242, 199, 221



249, 198, 202

Triad

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



242, 199, 221



216, 212, 175



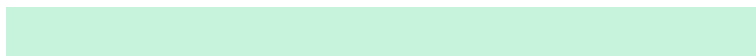
164, 220, 236

Complementary

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



242, 199, 221



199, 242, 220

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.



164, 221, 219



242, 199, 221



195, 218, 184

Square

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



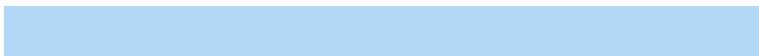
242, 199, 221



234, 206, 176



176, 221, 200



179, 215, 246

Rectangle

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



242, 199, 221



248, 200, 191



176, 221, 200



163, 221, 231

Sweetspot

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



242, 199, 221



255, 242, 249



220, 199, 242



128, 120, 124



0, 0, 0



128, 128, 128

Same Dimension

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



242, 199, 221



255, 201, 229



242, 199, 200



120, 108, 114



184, 0, 94



56, 0, 29

Inverse Universe

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



242, 199, 221



255, 201, 229



199, 242, 241



120, 108, 114



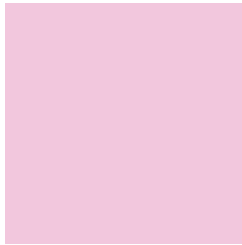
184, 0, 94



56, 0, 29

Previews

White Background



This preview shows how the RGB color 242, 199, 221 looks on a white background.

Color Contrast Check

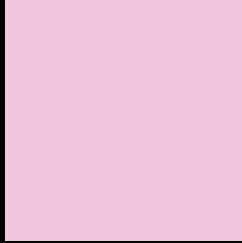
Large Text (above 18pt) WCAG AA × Fail

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 242, 199, 221 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 242, 199, 221 Background



This preview shows how black text looks on a background with the RGB color 242, 199, 221.

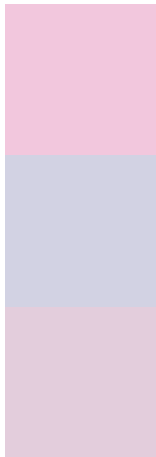


This preview shows how white text looks on a background with the RGB color 242, 199, 221.

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
242, 199, 221

Protanopia
210, 210, 227

Deuteranopia
227, 205, 220



Tritanopia
241, 200, 215

Trichromacy



Original Color
242, 199, 221

Protanomaly
222, 206, 225

Deuteranomaly
232, 203, 220

Tritanomaly
241, 200, 217

Monochromacy



Original Color
242, 199, 221

Achromatopsia
214, 214, 214

Achromatomaly
224, 209, 217

CSS Examples

Text

The CSS property to change the color of the text to RGB 242, 199, 221 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, 199, 221)` looks like.

```
.text, #text, p{  
    color:rgb(242, 199, 221)  
}
```

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, 199, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 199, 221) }
```

Border

The CSS property to change the border of an element to RGB 242, 199, 221 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, 199, 221) }
```

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

```
.border{ border-color:rgb(242, 199, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 199, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 199, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 199, 221);  
box-shadow:4px 4px 4px 4px rgb(242, 199,  
221) }
```

Background

The CSS property to change the background color of an element to RGB 242, 199, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 199, 221) }
```

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

```
.background{ background-color: rgb(242,  
199, 221) }
```

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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