

Converting Colors

RGB(242, 196, 231)

Have a look what the booklet for
RGB(242, 196, 231) contains.

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Color

RGB(242, 196, 231)

Conversions

Conversions Part 1

Format	Color
Hex	F2C4E7
RGB	242, 196, 231
RGB Percent	95%, 77%, 91%
CMY	0.0510, 0.2314, 0.0941
CMYK	0.00, 0.19, 0.05, 0.05
HSL	314°, 64%, 86%
HSV	314°, 19%, 95%
XYZ	70.7817, 64.1266, 84.2484
YIQ	213.7440, 16.1810, 20.6370

Conversions

Conversions Part 2

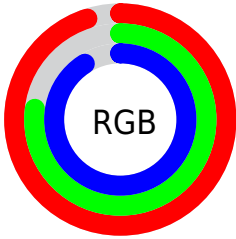
Format	Color
R _Y B	242, 196, 231
Decimal	15910119
CIE Lab	84.03, 22.04, -11.14
CIE LCh	84, 24.694, 333.179
Yxy	64.1266, 0.3230, 0.2926
Android (android.graphics.Color)	4294100199 (0xFFFF2C4E7)
YUV	213.7440, 8.5072, 24.7805
Hunter-Lab	80.0791, 17.6372, -6.3215

Details

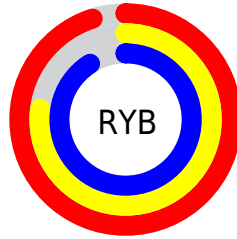
The RGB color **242, 196, 231** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **196, 242, 207**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is 255, 253, 255, and **186, 142, 175** is the 20% darker color. If you saturate the color by 10%, you get **242, 172, 225**, and if you desaturate by 10%, it is **242, 220, 237**.

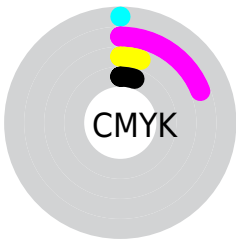
Distribution



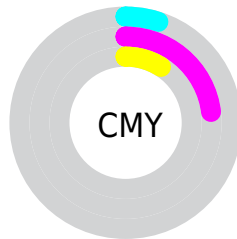
- Red (95%)
- Green (77%)
- Blue (91%)



- Red (95%)
- Yellow (77%)
- Blue (91%)



- Cyan (0%)
- Magenta (19%)
- Yellow (5%)
- Black (5%)




- Cyan (5%)
- Magenta (23%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the RGB color 242, 196, 231 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, 196, 231 by changing the saturation by 10% instead.


 242, 196, 231


255, 255, 255

 255, 253, 255

 242, 196, 231

 213, 169, 203


 186, 142, 175

 158, 116, 149

 132, 91, 123

 106, 67, 98

 82, 45, 74

 58, 23, 52

 36, 0, 31

 0, 0, 2

■ 242, 196, 231

■ 242, 196, 231

■ 242, 172, 225

■ 242, 220, 237

■ 242, 148, 219

■ 242, 244, 243

■ 242, 123, 214

■ 242, 255, 248

■ 242, 99, 208

■ 242, 255, 254

■ 242, 75, 202

■ 242, 255, 255

■ 242, 51, 196

■ 242, 27, 190

■ 242, 2, 185

■ 242, 0, 184

Harmonies

Analogous

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



217, 203, 248



242, 196, 231



255, 193, 208

Triad

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



242, 196, 231



225, 209, 163



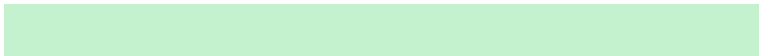
145, 222, 234

Complementary

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



242, 196, 231



196, 242, 207

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.



152, 223, 211



242, 196, 231



199, 216, 170

Square

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



242, 196, 231



245, 201, 169



173, 221, 188



158, 218, 250

Rectangle

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



242, 196, 231



255, 194, 192



173, 221, 188



145, 223, 227

Sweetspot

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



242, 196, 231



255, 240, 251



207, 196, 242



128, 119, 125



0, 0, 0



128, 128, 128

Same Dimension

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



242, 196, 231



255, 196, 241



242, 196, 208



120, 108, 117



184, 0, 140



56, 0, 43

Inverse Universe

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



242, 196, 231



255, 196, 241



196, 242, 230



120, 108, 117



184, 0, 140



56, 0, 43

Previews

White Background



This preview shows how the RGB color 242, 196, 231 looks on a white background.

Color Contrast Check

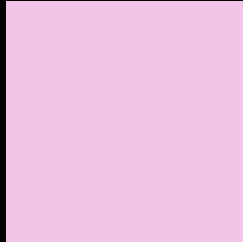
Large Text (above 18pt) WCAG AA × Fail

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, 196, 231 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, 196, 231 Background



This preview shows how black text looks on a background with the RGB color 242, 196, 231.



This preview shows how white text looks on a background with the RGB color 242, 196, 231.

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, 196, 231

Protanopia
205, 208, 239

Deuteranopia
221, 204, 229



Tritanopia
240, 199, 214

Trichromacy



Original Color
242, 196, 231

Protanomaly
218, 204, 236

Deuteranomaly
229, 201, 230

Tritanomaly
241, 198, 220

Monochromacy



Original Color
242, 196, 231

Achromatopsia
214, 214, 214

Achromatomaly
224, 207, 220

CSS Examples

Text

The CSS property to change the color of the text to RGB 242, 196, 231 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, 196, 231)` looks like.

```
.text, #text, p{  
    color:rgb(242, 196, 231)  
}
```

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, 196, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 196, 231) }
```

Border

The CSS property to change the border of an element to RGB 242, 196, 231 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, 196, 231) }
```

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

```
.border{ border-color:rgb(242, 196, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 196, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 196, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 196, 231);  
box-shadow:4px 4px 4px 4px rgb(242, 196,  
231) }
```

Background

The CSS property to change the background color of an element to RGB 242, 196, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 196, 231) }
```

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

```
.background{ background-color: rgb(242,  
196, 231) }
```

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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