

Converting Colors

RGB(242, 174, 236)

Have a look what the booklet for
RGB(242, 174, 236) contains.

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Color

RGB(242, 174, 236)

Conversions

Conversions Part 1

Format	Color
Hex	F2AEEC
RGB	242, 174, 236
RGB Percent	95%, 68%, 93%
CMY	0.0510, 0.3176, 0.0745
CMYK	0.00, 0.28, 0.02, 0.05
HSL	305°, 72%, 82%
HSV	305°, 28%, 95%
XYZ	66.8943, 55.2055, 86.4869
YIQ	201.4000, 20.6260, 33.6980

Conversions

Conversions Part 2

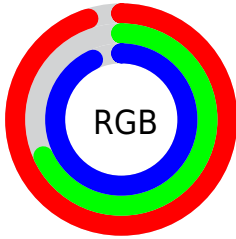
Format	Color
R _Y B	242, 174, 236
Decimal	15904492
CIE Lab	79.16, 34.58, -21.15
CIE LCh	79, 40.541, 328.547
Yxy	55.2055, 0.3207, 0.2647
Android (android.graphics.Color)	4294094572 (0xFFFF2AEEC)
YUV	201.4000, 17.0578, 35.6062
Hunter-Lab	74.3004, 30.6819, -17.0043

Details

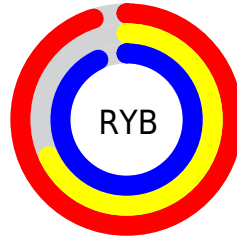
The RGB color **242, 174, 236** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **174, 242, 180**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **255, 230, 255**, and **185, 121, 180** is the 20% darker color. If you saturate the color by 10%, you get **242, 150, 234**, and if you desaturate by 10%, it is **242, 198, 238**.

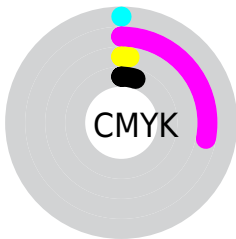
Distribution



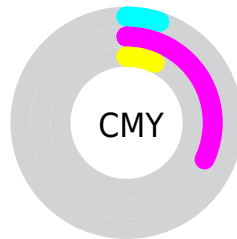
- Red (95%)
- Green (68%)
- Blue (93%)



- Red (95%)
- Yellow (68%)
- Blue (93%)



- Cyan (0%)
- Magenta (28%)
- Yellow (2%)
- Black (5%)





- Cyan (5%)
- Magenta (32%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the RGB color 242, 174, 236 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, 174, 236 by changing the saturation by 10% instead.

 242, 174, 236

 242, 174, 236


255, 255, 255

 213, 147, 208


 255, 230, 255

 185, 121, 180

 157, 95, 153

 131, 70, 127

 105, 46, 102


 79, 22, 78


 55, 0, 55


 36, 0, 34


 0, 0, 6

 242, 174, 236


 242, 174, 236

 242, 150, 234

 242, 198, 238

 242, 126, 232

 242, 222, 240

 242, 101, 230


 242, 247, 242

 242, 77, 227

 242, 255, 245

 242, 53, 225

 242, 255, 247

 242, 29, 223

 242, 255, 249

 242, 5, 221

 242, 255, 251

 242, 0, 221

 242, 255, 253

 242, 255, 255

Harmonies

Analogous

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



198, 187, 255



242, 174, 236



255, 167, 199

Triad

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



242, 174, 236



223, 193, 120



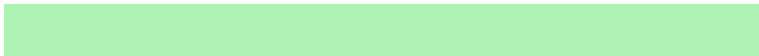
46, 216, 231

Complementary

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



242, 174, 236



174, 242, 180

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.



90, 216, 193



242, 174, 236



184, 205, 128

Square

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



242, 174, 236



253, 180, 133



139, 212, 155



75, 210, 255

Rectangle

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



242, 174, 236



255, 168, 174



139, 212, 155



57, 216, 219

Sweetspot

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



242, 174, 236



255, 235, 253



180, 174, 242



128, 115, 126



0, 0, 0



128, 128, 128

Same Dimension

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



242, 174, 236



255, 168, 247



242, 174, 202



120, 108, 119



184, 0, 167



56, 0, 51

Inverse Universe

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



242, 174, 236



255, 168, 247



174, 242, 214



120, 108, 119



184, 0, 167



56, 0, 51

Previews

White Background



This preview shows how the RGB color 242, 174, 236 looks on a white background.

Color Contrast Check

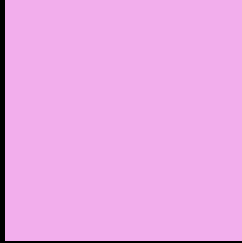
Large Text (above 18pt) WCAG AA × Fail

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, 174, 236 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, 174, 236 Background



This preview shows how black text looks on a background with the RGB color 242, 174, 236.




This preview shows how white text looks on a background with the RGB color 242, 174, 236.

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
237, 182, 196

Trichromacy



Original Color

242, 174, 236



Protanomaly

204, 187, 245



Deuteranomaly

214, 185, 234



Tritanomaly

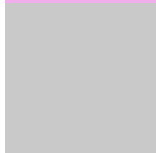
239, 179, 211

Monochromacy



Original Color

242, 174, 236



Achromatopsia

201, 201, 201



Achromatomaly

216, 191, 214

CSS Examples

Text

The CSS property to change the color of the text to RGB 242, 174, 236 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, 174, 236)` looks like.

```
.text, #text, p{  
    color:rgb(242, 174, 236)  
}
```

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, 174, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 174, 236) }
```

Border

The CSS property to change the border of an element to RGB 242, 174, 236 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, 174, 236) }
```

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

```
.border{ border-color:rgb(242, 174, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 174, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 174, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 174, 236);  
box-shadow:4px 4px 4px 4px rgb(242, 174,  
236) }
```

Background

The CSS property to change the background color of an element to RGB 242, 174, 236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 174, 236) }
```

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

```
.background{ background-color: rgb(242,  
174, 236) }
```

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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