

Converting Colors

RGB(242, 170, 228)

Have a look what the booklet for
RGB(242, 170, 228) contains.

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Color

RGB(242, 170, 228)

Conversions

Conversions Part 1

Format	Color
Hex	F2AAE4
RGB	242, 170, 228
RGB Percent	95%, 67%, 89%
CMY	0.0510, 0.3333, 0.1059
CMYK	0.00, 0.30, 0.06, 0.05
HSL	312°, 73%, 81%
HSV	312°, 30%, 95%
XYZ	64.9963, 53.2281, 80.2472
YIQ	198.1400, 24.2940, 33.3020

Conversions

Conversions Part 2

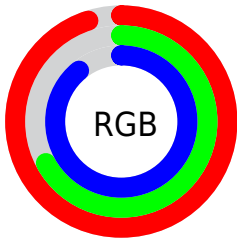
Format	Color
R _Y B	242, 170, 228
Decimal	15903460
CIE Lab	78.01, 35.29, -18.57
CIE LCh	78, 39.882, 332.248
Yxy	53.2281, 0.3275, 0.2682
Android (android.graphics.Color)	4294093540 (0xFFF2AAE4)
YUV	198.1400, 14.7210, 38.4652
Hunter-Lab	72.9576, 31.3457, -14.1436

Details

The RGB color **242, 170, 228** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **170, 242, 184**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is **255, 226, 255**, and **185, 117, 172** is the 20% darker color. If you saturate the color by 10%, you get **242, 146, 223**, and if you desaturate by 10%, it is **242, 194, 233**.

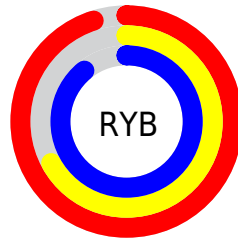
Distribution



Red (95%)

Green (67%)

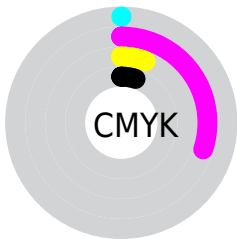
Blue (89%)



Red (95%)

Yellow (67%)

Blue (89%)

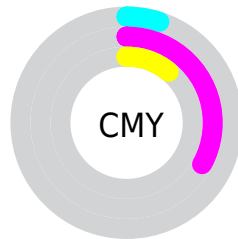


Cyan (0%)

Magenta (30%)

Yellow (6%)

Black (5%)



Cyan (5%)


Magenta (33%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 242, 170, 228 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, 170, 228 by changing the saturation by 10% instead.

 242, 170, 228

255, 255, 255

 255, 226, 255


255, 255, 255

 242, 170, 228


 213, 143, 200

 185, 117, 172

 157, 91, 146

 131, 66, 120

 104, 42, 95


 79, 17, 71


 55, 0, 49


 34, 0, 28


 0, 0, 0

 242, 170, 228

 242, 170, 228

 242, 146, 223

 242, 194, 233

 242, 122, 219

 242, 218, 237

 242, 97, 214


 242, 243, 242

 242, 73, 209

 242, 255, 247

 242, 49, 204

 242, 255, 252

 242, 25, 200

 242, 255, 255

 242, 1, 195

 242, 0, 195

Harmonies

Analogous

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



201, 182, 255



242, 170, 228



255, 164, 191

Triad

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



242, 170, 228



215, 192, 118



45, 212, 231

Complementary

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



242, 170, 228



170, 242, 184

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.



83, 213, 194



242, 170, 228



176, 202, 129

Square

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



242, 170, 228



246, 179, 128



131, 210, 157



82, 206, 255

Rectangle

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



242, 170, 228



255, 166, 167



131, 210, 157



53, 212, 220

Sweetspot

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



242, 170, 228



255, 232, 251



183, 170, 242



128, 113, 125



0, 0, 0



128, 128, 128

Same Dimension

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



242, 170, 228



255, 163, 237



242, 170, 193



120, 108, 118



184, 0, 148



56, 0, 45

Inverse Universe

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



242, 170, 228



255, 163, 237



170, 242, 219



120, 108, 118



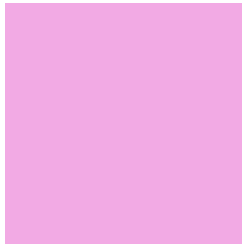
184, 0, 148



56, 0, 45

Previews

White Background



This preview shows how the RGB color 242, 170, 228 looks on a white background.

Color Contrast Check

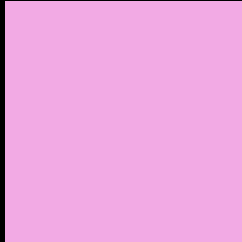
Large Text (above 18pt) WCAG AA × Fail

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, 170, 228 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, 170, 228 Background



This preview shows how black text looks on a background with the RGB color 242, 170, 228.



This preview shows how white text looks on a background with the RGB color 242, 170, 228.

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, 170, 228

Protanopia
181, 191, 243

Deuteranopia
197, 189, 225



Tritanopia
237, 177, 191

Trichromacy



Original Color

242, 170, 228



Protanomaly

203, 183, 238



Deuteranomaly

213, 182, 226



Tritanomaly

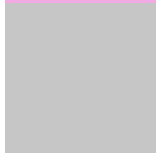
239, 174, 204

Monochromacy



Original Color

242, 170, 228



Achromatopsia

198, 198, 198



Achromatomaly

214, 188, 209

CSS Examples

Text

The CSS property to change the color of the text to RGB 242, 170, 228 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, 170, 228) looks like.

```
.text, #text, p{  
    color:rgb(242, 170, 228)  
}
```

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, 170, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 170, 228) }
```

Border

The CSS property to change the border of an element to RGB 242, 170, 228 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, 170, 228) }
```

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

```
.border{ border-color:rgb(242, 170, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 170, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 170, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 170, 228);  
box-shadow:4px 4px 4px 4px rgb(242, 170,  
228) }
```

Background

The CSS property to change the background color of an element to RGB 242, 170, 228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 170, 228) }
```

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

```
.background{ background-color: rgb(242,  
170, 228) }
```

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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