

# Converting Colors

RGB(248, 172, 224)

Have a look what the booklet for  
RGB(248, 172, 224) contains.

<b>RGB(248, 172, 224)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**RGB(248, 172, 224)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F8ACE0
RGB	248, 172, 224
RGB Percent	97%, 67%, 88%
CMY	0.0275, 0.3255, 0.1216
CMYK	0.00, 0.31, 0.10, 0.03
HSL	319°, 84%, 82%
HSV	319°, 31%, 97%
XYZ	66.9185, 54.8433, 77.5798
YIQ	200.6520, 28.6040, 32.2840

# Conversions

## Conversions Part 2

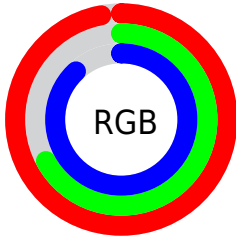
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	248, 172, 224
Decimal	16297184
CIE Lab	78.95, 35.54, -14.92
CIE LCh	79, 38.543, 337.220
Yxy	54.8433, 0.3357, 0.2751
Android (android.graphics.Color)	4294487264 (0xFFF8ACE0)
YUV	200.6520, 11.5106, 41.5242
Hunter-Lab	74.0563, 31.6970, -10.2716

# Details

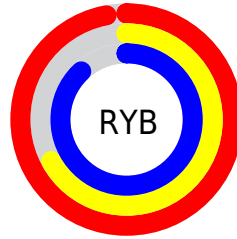
The RGB color **248, 172, 224** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **172, 248, 196**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **255, 228, 255**, and **191, 119, 169** is the 20% darker color. If you saturate the color by 10%, you get **248, 147, 216**, and if you desaturate by 10%, it is **248, 197, 232**.

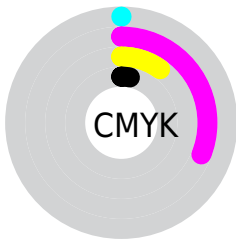
# Distribution



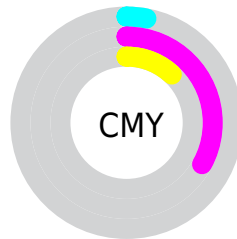
- Red (97%)
- Green (67%)
- Blue (88%)



- Red (97%)
- Yellow (67%)
- Blue (88%)



- Cyan (0%)
- Magenta (31%)
- Yellow (10%)
- Black (3%)




- Cyan (3%)
- Magenta (33%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 248, 172, 224 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 248, 172, 224 by changing the saturation by 10% instead.




 248, 172, 224


255, 255, 255


 255, 228, 255

 248, 172, 224


 219, 145, 196

 191, 119, 169

 163, 93, 142

 136, 68, 117

 109, 44, 92

 84, 18, 68

 59, 0, 46

 39, 0, 26

 0, 0, 0

■ 248, 172, 224

■ 248, 172, 224

■ 248, 147, 216

■ 248, 197, 232

■ 248, 122, 208

■ 248, 222, 240

■ 248, 98, 201

■ 248, 246, 247

■ 248, 73, 193

■ 248, 255, 255

■ 248, 48, 185

■ 248, 23, 177

■ 248, 0, 170

# Harmonies

## Analogous

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



211, 183, 253



248, 172, 224



255, 168, 188

# Triad

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



248, 172, 224



211, 196, 124



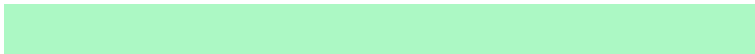
63, 213, 238

# Complementary

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



248, 172, 224



172, 248, 196

# 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.



85, 215, 203



248, 172, 224



172, 206, 137

# Square

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



248, 172, 224



243, 184, 130



129, 213, 167



101, 207, 255

# Rectangle

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



248, 172, 224



255, 170, 164



129, 213, 167



64, 214, 227



# Sweetspot

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



248, 172, 224



255, 232, 248



195, 172, 248



128, 113, 123



0, 0, 0



128, 128, 128



# Same Dimension

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



248, 172, 224



255, 161, 225



248, 172, 187



125, 112, 121



189, 0, 129



61, 0, 42



# Inverse Universe

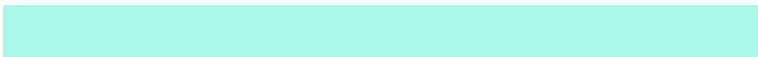
The Inverse Universe completely reimagines the original color for something new.



248, 172, 224



255, 161, 225



172, 248, 233



125, 112, 121



189, 0, 129

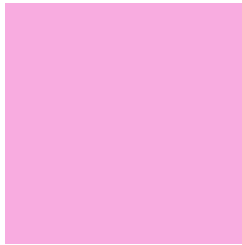


61, 0, 42



# Previews

## White Background



This preview shows how the RGB color 248, 172, 224 looks on a white background.

## Color Contrast Check

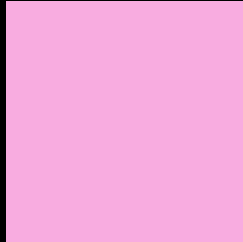
Large Text (above 18pt) WCAG AA × Fail

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 248, 172, 224 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 248, 172, 224 Background



This preview shows how black text looks on a background with the RGB color 248, 172, 224.

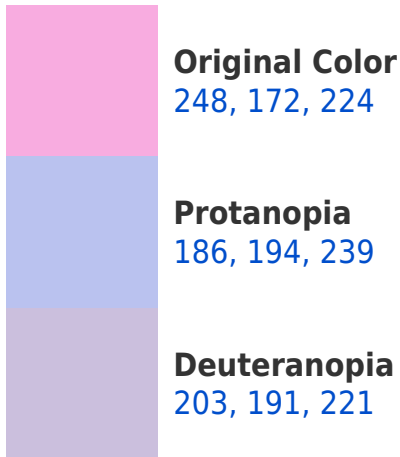



This preview shows how white text looks on a background with the RGB color 248, 172, 224.

# 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**  
244, 178, 192

# Trichromacy



**Original Color**

248, 172, 224



**Protanomaly**

209, 186, 234



**Deuteranomaly**

219, 184, 222



**Tritanomaly**

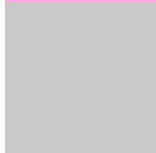
245, 176, 204

# Monochromacy



**Original Color**

248, 172, 224



**Achromatopsia**

201, 201, 201



**Achromatomaly**

218, 190, 209

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 248, 172, 224 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(248, 172, 224)` looks like.

```
.text, #text, p{  
    color:rgb(248, 172, 224)  
}
```

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(248, 172, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 172, 224) }
```

## Border

The CSS property to change the border of an element to RGB 248, 172, 224 is called "border". The border property can be set on classes, ids or directly on the HTML element.

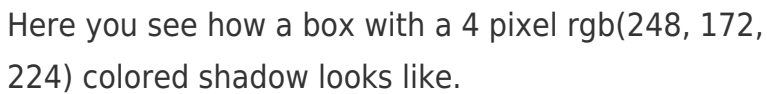
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(248, 172, 224) }
```

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

```
.border{ border-color:rgb(248, 172, 224) }
```

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



Here you see how a box with a 4 pixel `rgb(248, 172, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(248, 172, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(248, 172, 224); box-shadow:4px 4px 4px 4px rgb(248, 172, 224) }
```

# Background

The CSS property to change the background color of an element to RGB 248, 172, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 172, 224) }
```

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

```
.background{ background-color: rgb(248,  
172, 224) }
```

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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