

Converting Colors

RGB(249, 170, 214)

Have a look what the booklet for
RGB(249, 170, 214) contains.

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Color

RGB(249, 170, 214)

Conversions

Conversions Part 1

Format	Color
Hex	F9AAD6
RGB	249, 170, 214
RGB Percent	98%, 67%, 84%
CMY	0.0235, 0.3333, 0.1608
CMYK	0.00, 0.32, 0.14, 0.02
HSL	327°, 87%, 82%
HSV	327°, 32%, 98%
XYZ	65.5792, 53.7442, 70.5356
YIQ	198.6370, 32.9600, 30.4320

Conversions

Conversions Part 2

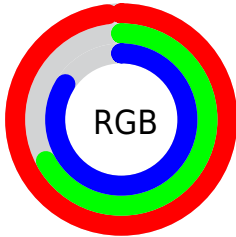
Format	Color
R _Y B	249, 170, 214
Decimal	16362198
CIE Lab	78.31, 35.30, -10.45
CIE LCh	78, 36.815, 343.517
Yxy	53.7442, 0.3454, 0.2831
Android (android.graphics.Color)	4294552278 (0xFFF9AAD6)
YUV	198.6370, 7.5740, 44.1684
Hunter-Lab	73.3105, 31.3824, -5.7285

Details

The RGB color **249, 170, 214** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **170, 249, 205**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **255, 226, 255**, and **191, 117, 159** is the 20% darker color. If you saturate the color by 10%, you get **249, 145, 203**, and if you desaturate by 10%, it is **249, 195, 225**.

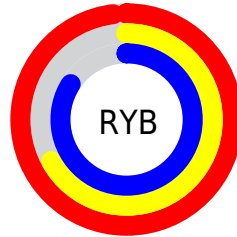
Distribution



Red (98%)

Green (67%)

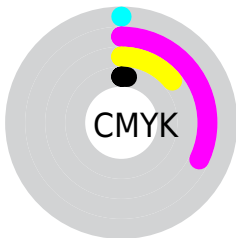
Blue (84%)



Red (98%)

Yellow (67%)

Blue (84%)

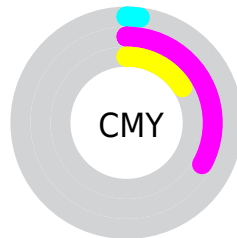


Cyan (0%)

Magenta (32%)

Yellow (14%)

Black (2%)



Cyan (2%)

Magenta (33%)

Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the RGB color 249, 170, 214 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 249, 170, 214 by changing the saturation by 10% instead.


 249, 170, 214

255, 255, 255

 255, 226, 255

 249, 170, 214

 220, 143, 186

 191, 117, 159

 164, 91, 133

 136, 66, 108

 110, 42, 84

 84, 16, 60

 59, 0, 39

 38, 0, 18

 0, 0, 0

 249, 170, 214

 249, 170, 214

 249, 145, 203

 249, 195, 225

 249, 120, 192

 249, 220, 236

 249, 95, 181

 249, 245, 247

 249, 70, 170

 249, 255, 255

 249, 45, 159

 249, 21, 148

 249, 0, 139

Harmonies

Analogous

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



218, 179, 243



249, 170, 214



255, 168, 179

Triad

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



249, 170, 214



202, 197, 126



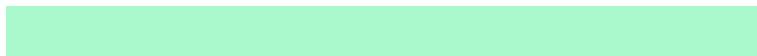
77, 210, 240

Complementary

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



249, 170, 214



170, 249, 205

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.



84, 212, 208



249, 170, 214



163, 206, 143

Square

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



249, 170, 214



234, 185, 129



122, 211, 173



117, 203, 255

Rectangle

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



249, 170, 214



255, 171, 158



122, 211, 173



73, 211, 230

Sweetspot

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



249, 170, 214



255, 230, 244



204, 170, 249



128, 112, 121



0, 0, 0



128, 128, 128

Same Dimension

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



249, 170, 214



255, 158, 212



249, 170, 175



125, 112, 119



189, 0, 105



61, 0, 34

Inverse Universe

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



249, 170, 214



255, 158, 212



170, 249, 244



125, 112, 119



189, 0, 105



61, 0, 34

Previews

White Background



This preview shows how the RGB color 249, 170, 214 looks on a white background.

Color Contrast Check

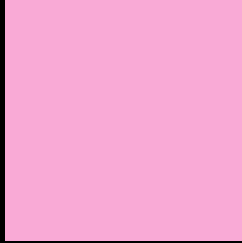
Large Text (above 18pt) WCAG AA × Fail

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 249, 170, 214 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 249, 170, 214 Background



This preview shows how black text looks on a background with the RGB color 249, 170, 214.



This preview shows how white text looks on a background with the RGB color 249, 170, 214.

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
249, 170, 214

Protanopia
187, 192, 229

Deuteranopia
205, 189, 211



Tritanopia
246, 175, 188

Trichromacy



Original Color

249, 170, 214



Protanomaly

210, 184, 224



Deuteranomaly

221, 182, 212



Tritanomaly

247, 173, 197

Monochromacy



Original Color

249, 170, 214



Achromatopsia

199, 199, 199



Achromatomaly

217, 188, 204

CSS Examples

Text

The CSS property to change the color of the text to RGB 249, 170, 214 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(249, 170, 214)` looks like.

```
.text, #text, p{  
    color:rgb(249, 170, 214)  
}
```

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(249, 170, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 170, 214) }
```

Border

The CSS property to change the border of an element to RGB 249, 170, 214 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(249, 170, 214) }
```

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

```
.border{ border-color:rgb(249, 170, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 170, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 170, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 170, 214);  
box-shadow:4px 4px 4px 4px rgb(249, 170,  
214) }
```

Background

The CSS property to change the background color of an element to RGB 249, 170, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 170, 214) }
```

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

```
.background{ background-color: rgb(249,  
170, 214) }
```

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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