

Converting Colors

RGB(255, 172, 248)

Have a look what the booklet for
RGB(255, 172, 248) contains.

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Color

RGB(255, 172, 248)

Conversions

Conversions Part 1

Format	Color
Hex	FFACF8
RGB	255, 172, 248
RGB Percent	100%, 67%, 97%
CMY	0.0000, 0.3255, 0.0275
CMYK	0.00, 0.33, 0.03, 0.00
HSL	305°, 100%, 84%
HSV	305°, 33%, 100%
XYZ	72.9358, 57.5424, 96.0696
YIQ	205.4810, 25.0720, 41.2320

Conversions

Conversions Part 2

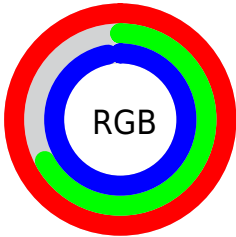
Format	Color
R _Y B	255, 172, 248
Decimal	16755960
CIE Lab	80.48, 41.88, -25.47
CIE LCh	80, 49.020, 328.691
Yxy	57.5424, 0.3219, 0.2540
Android (android.graphics.Color)	4294946040 (0xFFFFACF8)
YUV	205.4810, 20.9619, 43.4282
Hunter-Lab	75.8567, 38.8776, -21.9888

Details

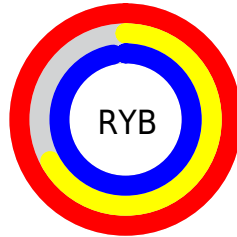
The RGB color **255, 172, 248** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **172, 255, 179**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **255, 228, 255**, and **197, 118, 191** is the 20% darker color. If you saturate the color by 10%, you get **255, 147, 246**, and if you desaturate by 10%, it is **255, 198, 250**.

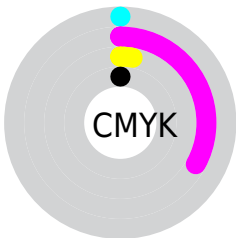
Distribution



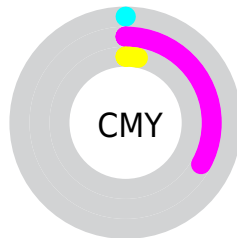
- Red (100%)
- Green (67%)
- Blue (97%)



- Red (100%)
- Yellow (67%)
- Blue (97%)



- Cyan (0%)
- Magenta (33%)
- Yellow (3%)
- Black (0%)



- Cyan (0%)
- Magenta (33%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 172, 248 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 255, 172, 248 by changing the saturation by 10% instead.


 255, 172, 248

 255, 172, 248

255, 255, 255

 226, 145, 219

 255, 228, 255

 197, 118, 191

 169, 92, 164

 142, 67, 138

 115, 41, 112

 89, 13, 87

 64, 0, 64

 43, 0, 42

 0, 0, 19

 255, 172, 248


 255, 172, 248

 255, 147, 246


 255, 198, 250

 255, 121, 244

 255, 223, 252


 255, 96, 242

 255, 249, 254

 255, 70, 239

255, 255, 255

 255, 45, 237

 255, 19, 235

 255, 0, 233

Harmonies

Analogous

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



201, 189, 255



255, 172, 248



255, 163, 204

Triad

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



255, 172, 248



230, 196, 107



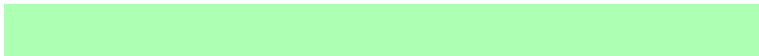
0, 223, 242

Complementary

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



255, 172, 248



172, 255, 179

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.



45, 223, 196



255, 172, 248



183, 210, 117

Square

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



255, 172, 248



255, 180, 123



128, 219, 150



0, 217, 255

Rectangle

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



255, 172, 248



255, 164, 173



128, 219, 150



0, 224, 228

Sweetspot

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



255, 172, 248



255, 230, 253



179, 172, 255



128, 112, 126



0, 0, 0



128, 128, 128

Same Dimension

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



255, 172, 248



255, 156, 247



255, 172, 207



128, 115, 126



191, 0, 175



64, 0, 58

Inverse Universe

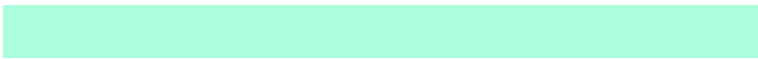
The Inverse Universe completely reimagines the original color for something new.



255, 172, 248



255, 156, 247



172, 255, 220



128, 115, 126



191, 0, 175



64, 0, 58

Previews

White Background



This preview shows how the RGB color 255, 172, 248 looks on a white background.

Color Contrast Check

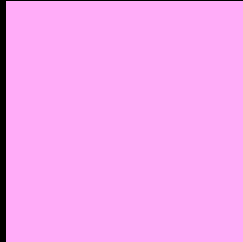
Large Text (above 18pt) WCAG AA × Fail

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 255, 172, 248 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 255, 172, 248 Background



This preview shows how black text looks on a background with the RGB color 255, 172, 248.



This preview shows how white text looks on a background with the RGB color 255, 172, 248.

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
255, 172, 248

Protanopia
185, 198, 255

Deuteranopia
198, 196, 244



Tritanopia
248, 182, 196

Trichromacy



Original Color

255, 172, 248



Protanomaly

210, 189, 252



Deuteranomaly

219, 187, 245



Tritanomaly

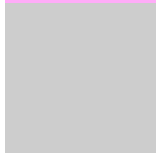
251, 178, 215

Monochromacy



Original Color

255, 172, 248



Achromatopsia

205, 205, 205



Achromatomaly

223, 193, 221

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 172, 248 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(255, 172, 248)` looks like.

```
.text, #text, p{  
    color:rgb(255, 172, 248)  
}
```

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(255, 172, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 172, 248) }
```

Border

The CSS property to change the border of an element to RGB 255, 172, 248 is called "border". The border property can be set on classes, ids or directly on the HTML element.

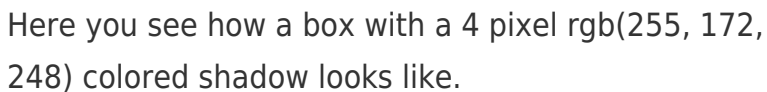
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 172, 248) }
```

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

```
.border{ border-color:rgb(255, 172, 248) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 172, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 172, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 172, 248); box-shadow:4px 4px 4px 4px rgb(255, 172, 248) }
```

Background

The CSS property to change the background color of an element to RGB 255, 172, 248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 172, 248) }
```

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

```
.background{ background-color: rgb(255,  
172, 248) }
```

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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