

Converting Colors

RGB(255, 140, 197)

Have a look what the booklet for
RGB(255, 140, 197) contains.

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Color

RGB(255, 140, 197)

Conversions

Conversions Part 1

Format	Color
Hex	FF8CC5
RGB	255, 140, 197
RGB Percent	100%, 55%, 77%
CMY	0.0000, 0.4510, 0.2275
CMYK	0.00, 0.45, 0.23, 0.00
HSL	330°, 100%, 77%
HSV	330°, 45%, 100%
XYZ	60.6961, 44.0474, 58.1263
YIQ	180.8830, 50.2430, 42.1070

Conversions

Conversions Part 2

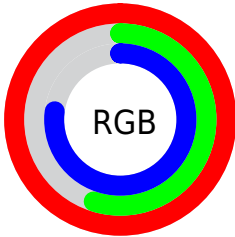
Format	Color
RYB	255, 140, 197
Decimal	16747717
CIELab	72.26, 50.14, -10.07
CIELCh	72, 51.140, 348.643
Yxy	44.0474, 0.3727, 0.2704
Android (android.graphics.Color)	4294937797 (0xFFFF8CC5)
YUV	180.8830, 7.9457, 65.0006
Hunter-Lab	66.3682, 47.1004, -5.4693

Details

The RGB color **255, 140, 197** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **140, 255, 198**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **255, 196, 254**, and **196, 86, 143** is the 20% darker color. If you saturate the color by 10%, you get **255, 115, 184**, and if you desaturate by 10%, it is **255, 166, 210**.

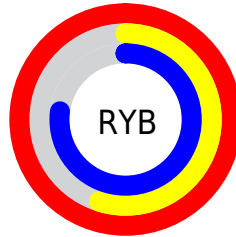
Distribution



Red (100%)

Green (55%)

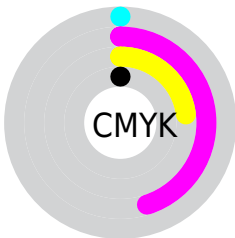
Blue (77%)



Red (100%)

Yellow (55%)

Blue (77%)

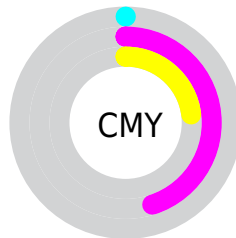


Cyan (0%)

Magenta (45%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (45%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 140, 197 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, 140, 197 by changing the saturation by 10% instead.

 255, 140, 197

 255, 140, 197

255, 255, 255

 225, 113, 170

 255, 196, 254

 196, 86, 143

 255, 225, 255

 167, 59, 118

255, 254, 255

 139, 30, 93

 111, 0, 69

 84, 0, 47

 59, 0, 27

 30, 0, 1

 0, 0, 0

■ 255, 140, 197

■ 255, 140, 197

■ 255, 115, 184

■ 255, 166, 210

■ 255, 89, 171

■ 255, 191, 223

■ 255, 64, 158

■ 255, 217, 236

■ 255, 38, 146

■ 255, 242, 248

■ 255, 13, 133

255, 255, 255

■ 255, 0, 126

Harmonies

Analogous

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



217, 154, 239



255, 140, 197



255, 139, 150

Triad

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



255, 140, 197



176, 184, 85



0, 197, 246

Complementary

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



255, 140, 197



140, 255, 198

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.



0, 201, 206



255, 140, 197



123, 194, 113

Square

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



255, 140, 197



220, 168, 84



34, 200, 157



30, 187, 255

Rectangle

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



255, 140, 197



255, 146, 121



34, 200, 157



0, 199, 234

Sweetspot

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



255, 140, 197



255, 219, 237



198, 140, 255



128, 106, 117



0, 0, 0



128, 128, 128

Same Dimension

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



255, 140, 197



255, 117, 186



255, 140, 140



128, 115, 121



191, 0, 95



64, 0, 32

Inverse Universe

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



255, 140, 197



255, 117, 186



140, 255, 255



128, 115, 121



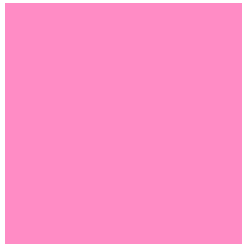
191, 0, 95



64, 0, 32

Previews

White Background



This preview shows how the RGB color 255, 140, 197 looks on a white background.

Color Contrast Check

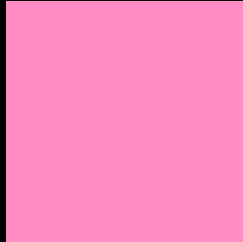
Large Text (above 18pt) WCAG AA × Fail

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, 140, 197 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, 140, 197 Background



This preview shows how black text looks on a background with the RGB color 255, 140, 197.



This preview shows how white text looks on a background with the RGB color 255, 140, 197.

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, 140, 197

Protanopia
167, 176, 221

Deuteranopia
189, 173, 191



Tritanopia
251, 147, 158

Trichromacy



Original Color

255, 140, 197



Protanomaly

199, 163, 212



Deuteranomaly

213, 161, 193



Tritanomaly

252, 144, 172

Monochromacy



Original Color

255, 140, 197



Achromatopsia

181, 181, 181



Achromatomaly

208, 166, 187

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 140, 197 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, 140, 197)` looks like.

```
.text, #text, p{  
    color:rgb(255, 140, 197)  
}
```

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, 140, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 140, 197) }
```

Border

The CSS property to change the border of an element to RGB 255, 140, 197 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, 140, 197) }
```

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

```
.border{ border-color:rgb(255, 140, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 140, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 140, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 140, 197); box-shadow:4px 4px 4px 4px rgb(255, 140, 197) }
```

Background

The CSS property to change the background color of an element to RGB 255, 140, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 140, 197) }
```

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

```
.background{ background-color: rgb(255,  
140, 197) }
```

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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