

Converting Colors

RGB(255, 144, 172)

Have a look what the booklet for
RGB(255, 144, 172) contains.

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Color

RGB(255, 144, 172)

Conversions

Conversions Part 1	
Format	Color
Hex	FF90AC
RGB	255, 144, 172
RGB Percent	100%, 56%, 67%
CMY	0.0000, 0.4353, 0.3255
CMYK	0.00, 0.44, 0.33, 0.00
HSL	345°, 100%, 78%
HSV	345°, 44%, 100%
XYZ	58.6597, 44.1851, 44.4666
YIQ	180.3810, 57.1680, 32.2400

Conversions

Conversions Part 2

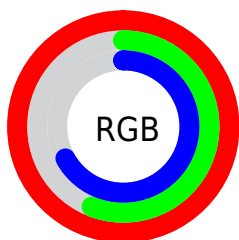
Format	Color
RYB	255, 144, 172
Decimal	16748716
CIELab	72.35, 44.87, 3.95
CIELCh	72, 45.046, 5.027
Yxy	44.1851, 0.3982, 0.2999
Android (android.graphics.Color)	4294938796 (0xFFFF90AC)
YUV	180.3810, -4.1318, 65.4409
Hunter-Lab	66.4719, 41.1958, 6.8680

Details

The RGB color **255, 144, 172** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **144, 255, 227**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **255, 200, 227**, and **196, 91, 120** is the 20% darker color. If you saturate the color by 10%, you get **255, 119, 153**, and if you desaturate by 10%, it is **255, 170, 191**.

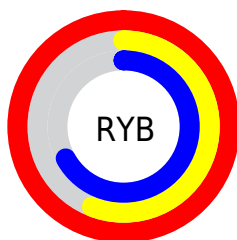
Distribution



Red (100%)

Green (56%)

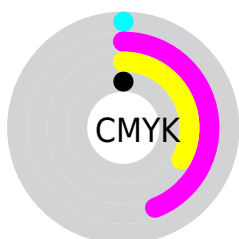
Blue (67%)



Red (100%)

Yellow (56%)

Blue (67%)

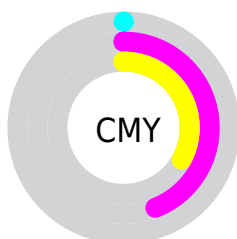


Cyan (0%)

Magenta (44%)

Yellow (33%)

Black (0%)



Cyan (0%)

Magenta (44%)

Yellow (33%)

Brightness & Saturation

Gradients

These gradients show how the RGB color 255, 144, 172 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, 144, 172 by changing the saturation by 10% instead.


 255, 144, 172


255, 255, 255

 255, 200, 227

 255, 228, 255

 255, 144, 172

 225, 117, 146

 196, 91, 120

 167, 64, 95

 138, 38, 72

 110, 2, 49

 83, 0, 29

 58, 0, 1


 24, 0, 1

 0, 0, 0

 255, 144, 172

 255, 144, 172

 255, 119, 153

 255, 170, 191

 255, 93, 134

 255, 195, 210

 255, 67, 115

 255, 221, 229

 255, 42, 96

 255, 246, 248

 255, 16, 77

255, 255, 255

 255, 0, 64

Harmonies

Analogous

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



234, 150, 213



255, 144, 172



253, 150, 132

Triad

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



255, 144, 172



153, 189, 108



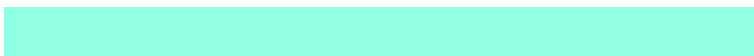
0, 191, 251

Complementary

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



255, 144, 172



144, 255, 227

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, 197, 223



255, 144, 172



100, 196, 141

Square

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



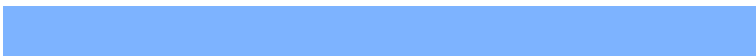
255, 144, 172



197, 177, 94



0, 199, 183



125, 179, 255

Rectangle

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



255, 144, 172



240, 158, 111



0, 199, 183



0, 194, 244

Sweetspot

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



255, 144, 172



255, 222, 230



225, 144, 255



128, 107, 112



0, 0, 0



128, 128, 128

Same Dimension

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



255, 144, 172



255, 122, 156



255, 170, 144



128, 115, 118



191, 0, 48



64, 0, 16

Inverse Universe

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



255, 144, 172



255, 122, 156



144, 229, 255



128, 115, 118



191, 0, 48



64, 0, 16

Previews

White Background



This preview shows how the RGB color 255, 144, 172 looks on a white background.

Color Contrast Check

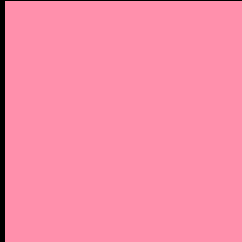
Large Text (above 18pt) WCAG AA × Fail

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, 144, 172 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, 144, 172 Background



This preview shows how black text looks on a background with the RGB color 255, 144, 172.



This preview shows how white text looks on a background with the RGB color 255, 144, 172.

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, 144, 172

Protanopia
177, 177, 191


Deuteranopia
199, 172, 167






Tritanopia

254, 147, 157

Trichromacy

	Original Color 255, 144, 172
	Protanomaly 205, 165, 184
	Deuteranomaly 219, 162, 169
	Tritanomaly 254, 146, 162

Monochromacy

	Original Color 255, 144, 172
	Achromatopsia 180, 180, 180
	Achromatomaly 207, 167, 177

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 144, 172 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, 144, 172) looks like.

```
.text, #text, p{  
    color:rgb(255, 144, 172)  
}
```

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, 144, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 144, 172) }
```

Border

The CSS property to change the border of an element to RGB 255, 144, 172 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, 144, 172) }
```

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

```
.border{ border-color:rgb(255, 144, 172) }
```

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

Here you see how a box with a 4 pixel rgb(255, 144, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 144, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 144, 172);  
box-shadow:4px 4px 4px 4px rgb(255, 144,  
172) }
```

Background

The CSS property to change the background color of an element to RGB 255, 144, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 144, 172) }
```

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

```
.background{ background-color: rgb(255,  
144, 172) }
```

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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