

Converting Colors

`RYB(255, 140, 168)`

Have a look what the booklet for
RYB(255, 140, 168) contains.

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Color

R_YB(255, 140, 168)

Conversions

Conversions Part 1

Format	Color
Hex	FF8CA8
RGB	255, 140, 168
RGB Percent	100%, 55%, 66%
CMY	0.0000, 0.4510, 0.3412
CMYK	0.00, 0.45, 0.34, 0.00
HSL	345°, 100%, 77%
HSV	345°, 45%, 100%
XYZ	57.6860, 42.8433, 42.2750
YIQ	177.5770, 59.5520, 33.0880

Conversions

Conversions Part 2

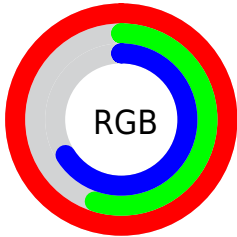
Format	Color
R_{YB}	255, 140, 168
Decimal	16747688
CIE _{Lab}	71.45, 46.40, 4.87
CIE _{LCh}	71, 46.653, 5.989
Yxy	42.8433, 0.4040, 0.3000
Android (android.graphics.Color)	4294937768 (0xFFFF8CA8)
YUV	177.5770, -4.7215, 67.9000
Hunter-Lab	65.4548, 42.7679, 7.5250

Details

The RYB color **255, 140, 168** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **140, 205, 255**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **255, 196, 223**, and **195, 87, 116** is the 20% darker color. If you saturate the color by 10%, you get **255, 115, 149**, and if you desaturate by 10%, it is **255, 166, 187**.

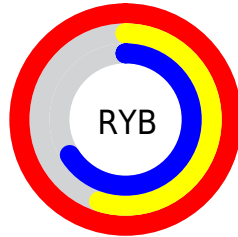
Distribution



Red (100%)

Green (55%)

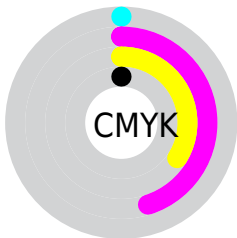
Blue (66%)



Red (100%)

Yellow (55%)

Blue (66%)

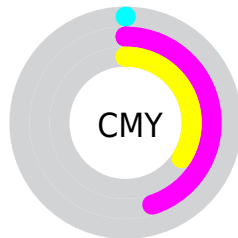


Cyan (0%)

Magenta (45%)

Yellow (34%)

Black (0%)



Cyan (0%)


Magenta (45%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 255, 140, 168 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 RYB color 255, 140, 168 by changing the saturation by 10% instead.

 255, 140, 168

255, 255, 255

 255, 196, 223

 255, 224, 252

 255, 253, 255

 255, 140, 168

 225, 113, 142

 195, 87, 116

 166, 60, 92

 138, 32, 68

 110, 0, 46

 82, 0, 26

 58, 0, 1

 21, 0, 0

 0, 0, 0

■ 255, 140, 168

■ 255, 140, 168

■ 255, 115, 149

■ 255, 166, 187

■ 255, 89, 129

■ 255, 191, 207

■ 255, 64, 110

■ 255, 217, 226

■ 255, 38, 91

■ 255, 242, 245

■ 255, 13, 72

255, 255, 255

■ 255, 0, 62

Harmonies

Analogous

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



235, 146, 210



255, 140, 168



252, 149, 127

Triad

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



255, 140, 168



104, 187, 143



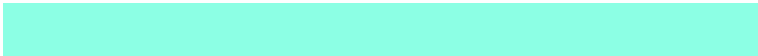
0, 108, 252

Complementary

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



255, 140, 168



140, 205, 255

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, 104, 224



255, 140, 168



92, 162, 194

Square

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



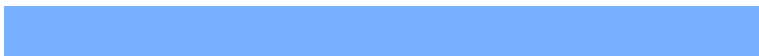
255, 140, 168



110, 193, 88



0, 102, 197



121, 160, 255

Rectangle

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



255, 140, 168



238, 184, 106



0, 102, 197



0, 107, 245

Sweetspot

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



255, 140, 168



255, 219, 228



226, 140, 255



128, 106, 111



0, 0, 0



128, 128, 128

Same Dimension

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



255, 140, 168



255, 117, 151



255, 179, 140



128, 115, 118



191, 0, 47



64, 0, 16

Inverse Universe

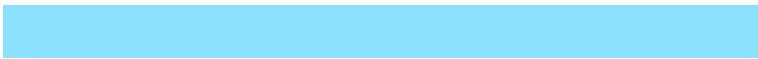
The Inverse Universe completely reimagines the original color for something new.



255, 140, 168



255, 117, 151



140, 189, 255



128, 115, 118



191, 0, 47



64, 0, 16

Previews

White Background



This preview shows how the RYB color 255, 140, 168 looks on a white background.

Color Contrast Check

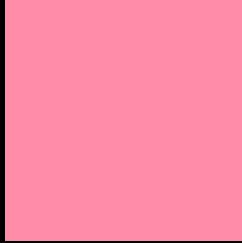
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 255, 140, 168 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](#).

RYB 255, 140, 168 Background



This preview shows how black text looks on a background with the RYB color 255, 140, 168.

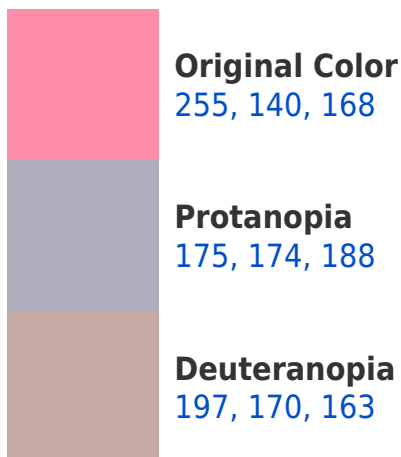



This preview shows how white text looks on a background with the RYB color 255, 140, 168.

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
254, 143, 153

Trichromacy



Original Color

255, 140, 168



Protanomaly

204, 162, 181



Deuteranomaly

218, 158, 165



Tritanomaly

254, 142, 158

Monochromacy



Original Color

255, 140, 168



Achromatopsia

178, 178, 178



Achromatomaly

206, 164, 174

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 140, 168 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, 168)` looks like.

```
.text, #text, p{  
    color:rgb(255, 140, 168)  
}
```

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, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 140, 168) }
```

Border

The CSS property to change the border of an element to RYB 255, 140, 168 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, 168) }
```

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

```
.border{ border-color:rgb(255, 140, 168) }
```

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, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 140, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 140, 168);  
box-shadow:4px 4px 4px 4px rgb(255, 140,  
168) }
```

Background

The CSS property to change the background color of an element to RGB 255, 140, 168 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, 168) }
```

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

```
.background{ background-color: rgb(255,  
140, 168) }
```

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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