

Converting Colors

`RYB(255, 145, 162)`

Have a look what the booklet for
RYB(255, 145, 162) contains.

RYB(255, 145, 162)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

`RYB(255, 145, 162)`

Conversions

Conversions Part 1

Format	Color
Hex	FF91A2
RGB	255, 145, 162
RGB Percent	100%, 57%, 64%
CMY	0.0000, 0.4314, 0.3647
CMYK	0.00, 0.43, 0.36, 0.00
HSL	351°, 100%, 78%
HSV	351°, 43%, 100%
XYZ	57.8870, 44.1194, 39.6473
YIQ	179.8280, 60.1030, 28.6070

Conversions

Conversions Part 2

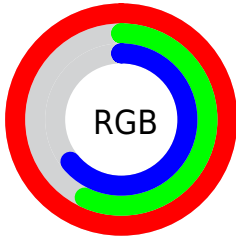
Format	Color
R_{YB}	255, 145, 162
Decimal	16748962
CIE _{Lab}	72.31, 43.18, 9.44
CIE _{LCh}	72, 44.203, 12.329
Yxy	44.1194, 0.4087, 0.3115
Android (android.graphics.Color)	4294939042 (0xFFFF91A2)
YUV	179.8280, -8.7892, 65.9258
Hunter-Lab	66.4225, 39.3229, 11.1057

Details

The RYB color **255, 145, 162** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **145, 205, 255**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **255, 201, 217**, and **195, 92, 111** is the 20% darker color. If you saturate the color by 10%, you get **255, 120, 140**, and if you desaturate by 10%, it is **255, 171, 184**.

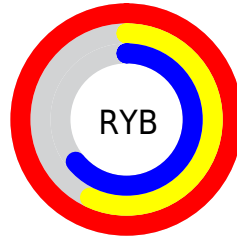
Distribution



Red (100%)

Green (57%)

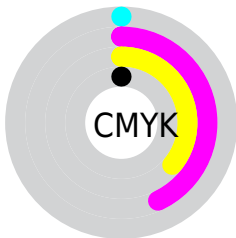
Blue (64%)



Red (100%)

Yellow (57%)

Blue (64%)

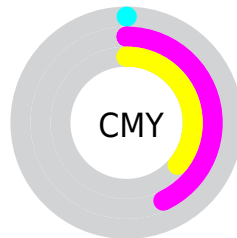


Cyan (0%)

Magenta (43%)

Yellow (36%)

Black (0%)



Cyan (0%)

Magenta (43%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 255, 145, 162 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, 145, 162 by changing the saturation by 10% instead.

 255, 145, 162

255, 255, 255

 255, 201, 217

 255, 229, 245

 255, 145, 162

 225, 118, 136

 195, 92, 111

 166, 66, 86

 138, 39, 63

 110, 7, 41

 82, 0, 21

 57, 0, 1

 22, 0, 0

 0, 0, 0

 255, 145, 162

 255, 145, 162

 255, 120, 140

 255, 171, 184

 255, 94, 119

 255, 196, 205

 255, 68, 97

 255, 222, 227

 255, 43, 76

 255, 247, 248

 255, 17, 54

255, 255, 255

 255, 0, 39

Harmonies

Analogous

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



240, 148, 203



255, 145, 162



248, 161, 125

Triad

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



255, 145, 162



116, 191, 165



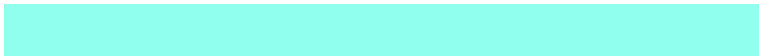
59, 137, 254

Complementary

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



255, 145, 162



145, 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, 106, 231



255, 145, 162



87, 157, 197

Square

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



255, 145, 162



105, 187, 97



0, 101, 199



144, 169, 255

Rectangle

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



255, 145, 162



233, 206, 106



0, 101, 199



0, 108, 248

Sweetspot

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



255, 145, 162



255, 222, 227



237, 145, 255



128, 107, 110



0, 0, 0



128, 128, 128

Same Dimension

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



255, 145, 162



255, 122, 143



255, 201, 145



128, 115, 117



191, 0, 30



64, 0, 10

Inverse Universe

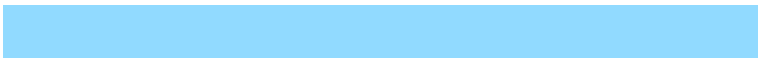
The Inverse Universe completely reimagines the original color for something new.



255, 145, 162



255, 122, 143



145, 189, 255



128, 115, 117



191, 0, 30



64, 0, 10

Previews

White Background



This preview shows how the RYB color 255, 145, 162 looks on a white background.

Color Contrast Check

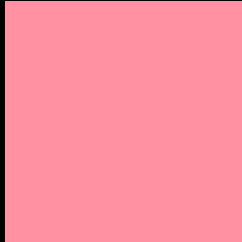
Large Text (above 18pt) WCAG AA × Fail

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, 145, 162 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, 145, 162 Background



This preview shows how black text looks on a background with the RYB color 255, 145, 162.

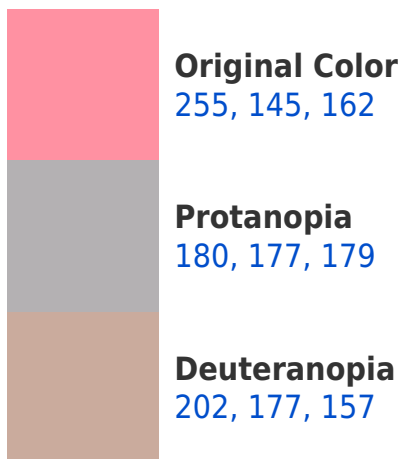



This preview shows how white text looks on a background with the RYB color 255, 145, 162.

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
255, 146, 157

Trichromacy



Original Color

255, 145, 162



Protanomaly

207, 165, 173



Deuteranomaly

221, 162, 159



Tritanomaly

255, 146, 159

Monochromacy



Original Color

255, 145, 162



Achromatopsia

180, 180, 180



Achromatomaly

207, 167, 173

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 145, 162 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, 145, 162) looks like.

```
.text, #text, p{  
    color:rgb(255, 145, 162)  
}
```

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, 145, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 145, 162) }
```

Border

The CSS property to change the border of an element to RYB 255, 145, 162 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, 145, 162) }
```

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

```
.border{ border-color:rgb(255, 145, 162) }
```

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

Here you see how a box with a 4 pixel rgb(255, 145, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 145, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 145, 162);  
box-shadow:4px 4px 4px 4px rgb(255, 145,  
162) }
```

Background

The CSS property to change the background color of an element to RYB 255, 145, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 145, 162) }
```

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

```
.background{ background-color: rgb(255,  
145, 162) }
```

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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