

Converting Colors

`RYB(252, 148, 164)`

Have a look what the booklet for
RYB(252, 148, 164) contains.

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Color

R_YB(252, 148, 164)

Conversions

Conversions Part 1

Format	Color
Hex	FC94A4
RGB	252, 148, 164
RGB Percent	99%, 58%, 64%
CMY	0.0118, 0.4196, 0.3569
CMYK	0.00, 0.41, 0.35, 0.01
HSL	351°, 95%, 78%
HSV	351°, 41%, 99%
XYZ	57.4356, 44.5556, 40.6949
YIQ	180.9200, 56.8480, 27.0240

Conversions

Conversions Part 2

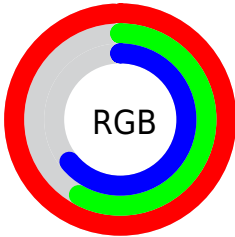
Format	Color
R _Y B	252, 148, 164
Decimal	16553124
CIE Lab	72.60, 40.83, 8.69
CIE LCh	73, 41.744, 12.017
Yxy	44.5556, 0.4025, 0.3123
Android (android.graphics.Color)	4294743204 (0xFFFC94A4)
YUV	180.9200, -8.3416, 62.3372
Hunter-Lab	66.7500, 36.7795, 10.5782

Details

The RYB color **252, 148, 164** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **148, 204, 252**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **255, 203, 219**, and **193, 95, 112** is the 20% darker color. If you saturate the color by 10%, you get **252, 123, 143**, and if you desaturate by 10%, it is **252, 173, 185**.

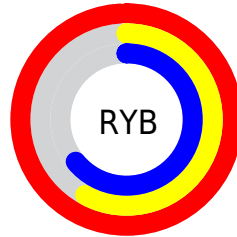
Distribution



Red (99%)

Green (58%)

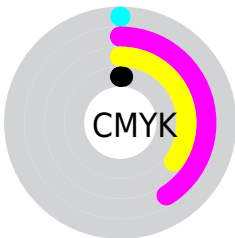
Blue (64%)



Red (99%)

Yellow (58%)

Blue (64%)

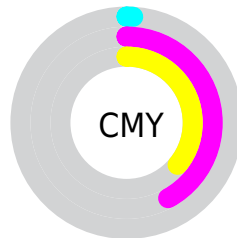


Cyan (0%)

Magenta (41%)

Yellow (35%)

Black (1%)



Cyan (1%)


Magenta (42%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 252, 148, 164 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 252, 148, 164 by changing the saturation by 10% instead.


 252, 148, 164

255, 255, 255

 255, 203, 219

 255, 232, 247

 252, 148, 164


 222, 121, 138

 193, 95, 112

 164, 69, 88

 136, 44, 65

 108, 15, 43

 81, 0, 23

 56, 0, 1

 20, 0, 0

 0, 0, 0

■ 252, 148, 164

■ 252, 148, 164

■ 252, 123, 143

■ 252, 173, 185

■ 252, 98, 121

■ 252, 198, 207

■ 252, 72, 100

■ 252, 224, 228

■ 252, 47, 79

■ 252, 249, 249

■ 252, 22, 57

■ 252, 254, 255

■ 252, 0, 39

Harmonies

Analogous

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



238, 151, 203



252, 148, 164



246, 162, 129

Triad

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



252, 148, 164



120, 191, 166



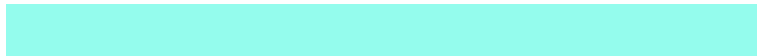
74, 143, 250

Complementary

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



252, 148, 164



148, 204, 252

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, 105, 228



252, 148, 164



96, 161, 197

Square

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



252, 148, 164



110, 188, 102



20, 110, 198



147, 170, 253

Rectangle

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



252, 148, 164



232, 202, 111



20, 110, 198



43, 128, 245

Sweetspot

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



252, 148, 164



255, 224, 229



235, 148, 252



128, 110, 112



0, 0, 0



128, 128, 128

Same Dimension

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



252, 148, 164



255, 128, 147



252, 201, 148



125, 112, 114



189, 0, 29



61, 0, 9

Inverse Universe

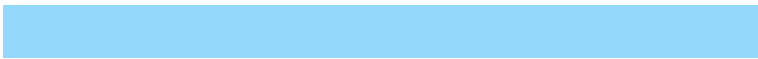
The Inverse Universe completely reimagines the original color for something new.



252, 148, 164



255, 128, 147



148, 189, 252



125, 112, 114



189, 0, 29



61, 0, 9

Previews

White Background



This preview shows how the RYB color 252, 148, 164 looks on a white background.

Color Contrast Check

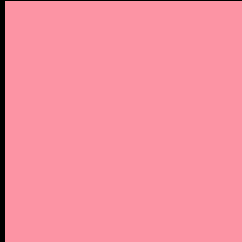
Large Text (above 18pt) WCAG AA × Fail

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 252, 148, 164 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 252, 148, 164 Background



This preview shows how black text looks on a background with the RYB color 252, 148, 164.

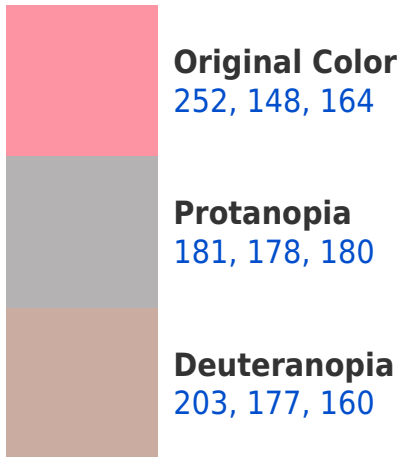


This preview shows how white text looks on a background with the RYB color 252, 148, 164.

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
252, 149, 160

Trichromacy



Original Color

252, 148, 164



Protanomaly

207, 167, 174



Deuteranomaly

221, 163, 161



Tritanomaly

252, 149, 161

Monochromacy



Original Color

252, 148, 164



Achromatopsia

181, 181, 181



Achromatomaly

207, 169, 175

CSS Examples

Text

The CSS property to change the color of the text to RYB 252, 148, 164 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(252, 148, 164) looks like.

```
.text, #text, p{  
    color:rgb(252, 148, 164)  
}
```

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(252, 148, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 148, 164) }
```

Border

The CSS property to change the border of an element to RYB 252, 148, 164 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(252, 148, 164) }
```

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

```
.border{ border-color:rgb(252, 148, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 148, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 148, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 148, 164);  
box-shadow:4px 4px 4px 4px rgb(252, 148,  
164) }
```

Background

The CSS property to change the background color of an element to RYB 252, 148, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 148, 164) }
```

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

```
.background{ background-color: rgb(252,  
148, 164) }
```

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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