

Converting Colors

`RYB(252, 130, 134)`

Have a look what the booklet for
RYB(252, 130, 134) contains.

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Color

R_YB(252, 130, 134)

Conversions

Conversions Part 1

Format	Color
Hex	FC8286
RGB	252, 130, 134
RGB Percent	99%, 51%, 53%
CMY	0.0118, 0.4902, 0.4745
CMYK	0.00, 0.48, 0.47, 0.01
HSL	358°, 95%, 75%
HSV	358°, 48%, 99%
XYZ	52.4306, 38.3819, 27.1993
YIQ	166.9340, 71.4280, 27.1080

Conversions

Conversions Part 2

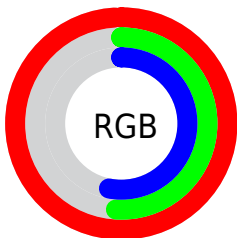
Format	Color
R _Y B	252, 130, 134
Decimal	16548486
CIE Lab	68.30, 46.70, 19.39
CIE LCh	68, 50.562, 22.547
Yxy	38.3819, 0.4443, 0.3252
Android (android.graphics.Color)	4294738566 (0xFFFC8286)
YUV	166.9340, -16.2365, 74.6029
Hunter-Lab	61.9532, 42.6455, 17.3371

Details

The RYB color **252, 130, 134** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **130, 192, 252**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **255, 185, 187**, and **191, 77, 85** is the 20% darker color. If you saturate the color by 10%, you get **252, 105, 110**, and if you desaturate by 10%, it is **252, 155, 158**.

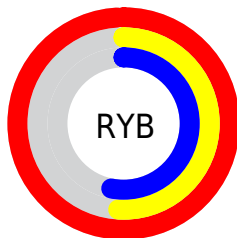
Distribution



Red (99%)

Green (51%)

Blue (53%)



Red (99%)

Yellow (51%)

Blue (53%)

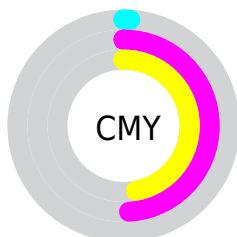


Cyan (0%)

Magenta (48%)

Yellow (47%)

Black (1%)



Cyan (1%)


Magenta (49%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the RYB color 252, 130, 134 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, 130, 134 by changing the saturation by 10% instead.


 252, 130, 134

 252, 130, 134

255, 255, 255

 221, 103, 109

 255, 185, 187

 191, 77, 85

 255, 214, 215

 162, 50, 61

 255, 243, 243


 132, 19, 40


 104, 0, 20

 76, 0, 0

 50, 0, 2

 0, 0, 0

 252, 130, 134

 252, 130, 134

■ 252, 105, 110

■ 252, 155, 158

■ 252, 80, 85

■ 252, 180, 183

■ 252, 54, 61

■ 252, 206, 207

■ 252, 29, 37

■ 252, 231, 231

■ 252, 4, 12

■ 252, 254, 255

■ 252, 0, 8

Harmonies

Analogous

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



245, 129, 180



252, 130, 134



236, 168, 95

Triad

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



252, 130, 134



105, 180, 184



41, 123, 255

Complementary

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



252, 130, 134



130, 192, 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, 104, 238



252, 130, 134



0, 104, 189

Square

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



252, 130, 134



78, 174, 93



0, 97, 200



151, 158, 251

Rectangle

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



252, 130, 134



187, 216, 78



0, 97, 200



0, 105, 253

Sweetspot

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



252, 130, 134



255, 217, 218



248, 130, 252



128, 105, 105



0, 0, 0



128, 128, 128

Same Dimension

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



252, 130, 134



255, 107, 112



252, 237, 130



125, 112, 113



189, 0, 6



61, 0, 2

Inverse Universe

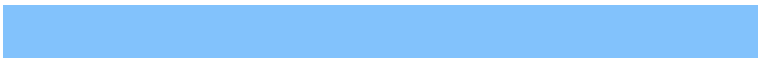
The Inverse Universe completely reimagines the original color for something new.



252, 130, 134



255, 107, 112



130, 172, 252



125, 112, 113



189, 0, 6



61, 0, 2

Previews

White Background



This preview shows how the RYB color 252, 130, 134 looks on a white background.

Color Contrast Check

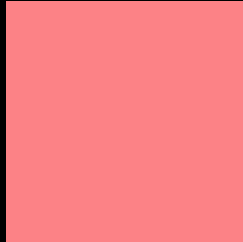
Large Text (above 18pt) WCAG AA × Fail

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, 130, 134 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, 130, 134 Background



This preview shows how black text looks on a background with the RYB color 252, 130, 134.

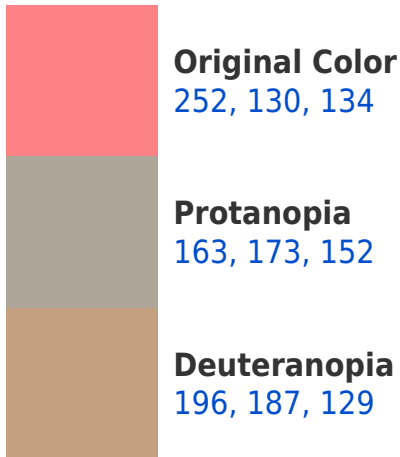


This preview shows how white text looks on a background with the RYB color 252, 130, 134.

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, 129, 138

Trichromacy



Original Color

252, 130, 134



Protanomaly

202, 154, 145



Deuteranomaly

216, 154, 131



Tritanomaly

252, 129, 137

Monochromacy



Original Color

252, 130, 134



Achromatopsia

167, 167, 167



Achromatomaly

198, 154, 155

CSS Examples

Text

The CSS property to change the color of the text to RYB 252, 130, 134 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, 130, 134)` looks like.

```
.text, #text, p{  
    color:rgb(252, 130, 134)  
}
```

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, 130, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 130, 134) }
```

Border

The CSS property to change the border of an element to RYB 252, 130, 134 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, 130, 134) }
```

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

```
.border{ border-color:rgb(252, 130, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 130, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 130, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 130, 134);  
box-shadow:4px 4px 4px 4px rgb(252, 130,  
134) }
```

Background

The CSS property to change the background color of an element to RGB 252, 130, 134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 130, 134) }
```

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

```
.background{ background-color: rgb(252,  
130, 134) }
```

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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