

Converting Colors

RGB(251, 123, 133)

Have a look what the booklet for
RGB(251, 123, 133) contains.

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Color

RGB(251, 123, 133)

Conversions

Conversions Part 1	
Format	Color
Hex	FB7B85
RGB	251, 123, 133
RGB Percent	98%, 48%, 52%
CMY	0.0157, 0.5176, 0.4784
CMYK	0.00, 0.51, 0.47, 0.02
HSL	355°, 94%, 73%
HSV	355°, 51%, 98%
XYZ	51.1003, 36.3686, 26.5169
YIQ	162.4120, 73.0780, 30.2460

Conversions

Conversions Part 2

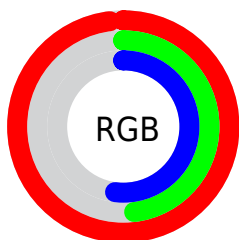
Format	Color
RYB	251, 123, 133
Decimal	16481157
CIELab	66.80, 49.67, 17.86
CIELCh	67, 52.782, 19.781
Yxy	36.3686, 0.4483, 0.3191
Android (android.graphics.Color)	4294671237 (0xFFFB7B85)
YUV	162.4120, -14.5001, 77.6917
Hunter-Lab	60.3064, 45.7147, 16.1445

Details

The RGB color **251, 123, 133** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **123, 251, 241**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **255, 178, 186**, and **190, 69, 84** is the 20% darker color. If you saturate the color by 10%, you get **251, 98, 110**, and if you desaturate by 10%, it is **251, 148, 156**.

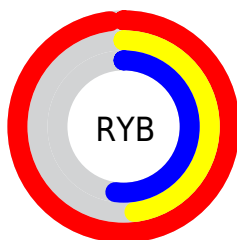
Distribution



Red (98%)

Green (48%)

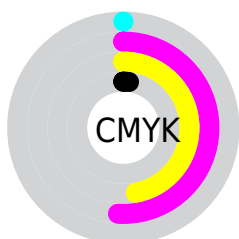
Blue (52%)



Red (98%)

Yellow (48%)

Blue (52%)

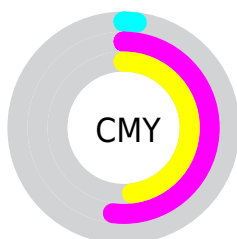


Cyan (0%)

Magenta (51%)

Yellow (47%)

Black (2%)



Cyan (2%)

Magenta (52%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RGB color 251, 123, 133 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 251, 123, 133 by changing the saturation by 10% instead.


 251, 123, 133

255, 255, 255

 255, 178, 186

 255, 207, 214

 255, 236, 242

 251, 123, 133

 220, 96, 108

 190, 69, 84

 160, 41, 61

 131, 2, 39


 102, 0, 19


 74, 0, 0


 47, 0, 2

 0, 0, 0


 251, 123, 133

 251, 123, 133


 251, 98, 110

 251, 148, 156

 251, 73, 87


 251, 173, 179


 251, 48, 64

 251, 198, 202

 251, 23, 40

 251, 223, 226

 251, 0, 20

 251, 249, 249

 251, 255, 255

Harmonies

Analogous

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



242, 123, 181



251, 123, 133



236, 136, 92

Triad

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



251, 123, 133



103, 180, 99



0, 172, 255

Complementary

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



251, 123, 133



123, 251, 241

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, 182, 234



251, 123, 133



0, 185, 144

Square

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



251, 123, 133



159, 170, 68



0, 186, 193



138, 156, 252

Rectangle

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



251, 123, 133



216, 148, 72



0, 186, 193



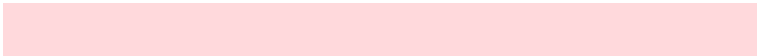
0, 176, 251

Sweetspot

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



251, 123, 133



255, 217, 220



240, 123, 251



128, 105, 106



0, 0, 0



128, 128, 128

Same Dimension

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



251, 123, 133



255, 99, 112



251, 176, 123



125, 112, 113



189, 0, 15



61, 0, 5

Inverse Universe

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



251, 123, 133



255, 99, 112



123, 198, 251



125, 112, 113



189, 0, 15



61, 0, 5

Previews

White Background



This preview shows how the RGB color 251, 123, 133 looks on a white background.

Color Contrast Check

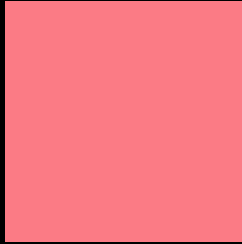
Large Text (above 18pt) WCAG AA × Fail

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 251, 123, 133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

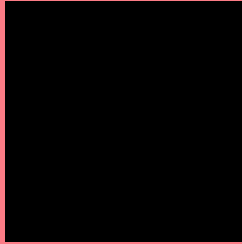
Any Text WCAG AA ✓ Pass

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 251, 123, 133 Background



This preview shows how black text looks on a background with the RGB color 251, 123, 133.



This preview shows how white text looks on a background with the RGB color 251, 123, 133.

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
251, 123, 133

Protanopia
168, 162, 153

Deuteranopia
191, 156, 127



Tritanopia
251, 123, 132

Trichromacy



Original Color

251, 123, 133



Protanomaly

198, 148, 146



Deuteranomaly

213, 144, 129



Tritanomaly

251, 123, 132

Monochromacy



Original Color

251, 123, 133



Achromatopsia

162, 162, 162



Achromatomaly

194, 148, 151

CSS Examples

Text

The CSS property to change the color of the text to RGB 251, 123, 133 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(251, 123, 133) looks like.

```
.text, #text, p{  
    color:rgb(251, 123, 133)  
}
```

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(251, 123, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 123, 133) }
```

Border

The CSS property to change the border of an element to RGB 251, 123, 133 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(251, 123, 133) }
```

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

```
.border{ border-color:rgb(251, 123, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 123, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 123, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 123, 133);  
box-shadow:4px 4px 4px 4px rgb(251, 123,  
133) }
```

Background

The CSS property to change the background color of an element to RGB 251, 123, 133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 123, 133) }
```

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

```
.background{ background-color: rgb(251,  
123, 133) }
```

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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