

Converting Colors

RGB(253, 156, 163)

Have a look what the booklet for
RGB(253, 156, 163) contains.

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Color

RGB(253, 156, 163)

Conversions

Conversions Part 1

Format	Color
Hex	FD9CA3
RGB	253, 156, 163
RGB Percent	99%, 61%, 64%
CMY	0.0078, 0.3882, 0.3608
CMYK	0.00, 0.38, 0.36, 0.01
HSL	356°, 96%, 80%
HSV	356°, 38%, 99%
XYZ	59.0073, 47.3039, 40.6709
YIQ	185.8010, 55.5650, 22.7410

Conversions

Conversions Part 2

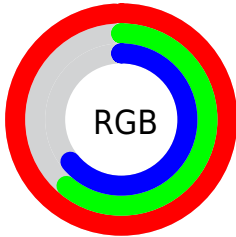
Format	Color
R _Y B	253, 156, 163
Decimal	16620707
CIE Lab	74.38, 36.95, 11.80
CIE LCh	74, 38.792, 17.706
Yxy	47.3039, 0.4015, 0.3218
Android (android.graphics.Color)	4294810787 (0xFFFD9CA3)
YUV	185.8010, -11.2409, 58.9335
Hunter-Lab	68.7778, 32.7812, 13.0841

Details

The RGB color **253, 156, 163** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **156, 253, 246**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **255, 212, 218**, and **194, 103, 111** is the 20% darker color. If you saturate the color by 10%, you get **253, 131, 140**, and if you desaturate by 10%, it is **253, 181, 186**.

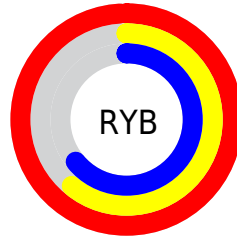
Distribution



Red (99%)

Green (61%)

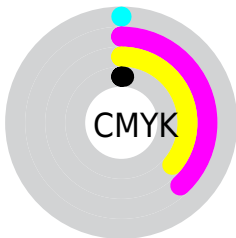
Blue (64%)



Red (99%)

Yellow (61%)

Blue (64%)

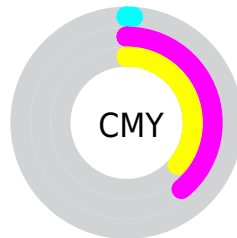


Cyan (0%)

Magenta (38%)

Yellow (36%)

Black (1%)



Cyan (1%)

Magenta (39%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 253, 156, 163 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 253, 156, 163 by changing the saturation by 10% instead.

 253, 156, 163

255, 255, 255

 255, 212, 218

 255, 240, 246

 253, 156, 163

 223, 129, 137

 194, 103, 111

 165, 78, 87

 137, 53, 64

 109, 27, 42

 82, 0, 22

 57, 0, 0

 26, 0, 1

 0, 0, 0

■ 253, 156, 163

■ 253, 156, 163

■ 253, 131, 140

■ 253, 181, 186

■ 253, 105, 116

■ 253, 207, 210

■ 253, 80, 93

■ 253, 232, 233

■ 253, 55, 69

253, 255, 255

■ 253, 30, 46

■ 253, 4, 22

■ 253, 0, 18

Harmonies

Analogous

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



243, 157, 199



253, 156, 163



244, 164, 132

Triad

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



253, 156, 163



145, 196, 134



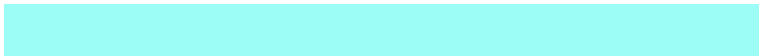
107, 191, 252

Complementary

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



253, 156, 163



156, 253, 246

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.



48, 199, 235



253, 156, 163



100, 201, 167

Square

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



253, 156, 163



185, 187, 114



51, 202, 203



166, 179, 251

Rectangle

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



253, 156, 163



229, 172, 118



51, 202, 203



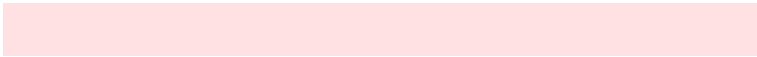
86, 194, 248

Sweetspot

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



253, 156, 163



255, 224, 227



245, 156, 253



128, 110, 111



0, 0, 0



128, 128, 128

Same Dimension

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



253, 156, 163



255, 138, 146



253, 196, 156



128, 115, 116



191, 0, 14



64, 0, 5

Inverse Universe

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



253, 156, 163



255, 138, 146



156, 213, 253



128, 115, 116



191, 0, 14



64, 0, 5

Previews

White Background



This preview shows how the RGB color 253, 156, 163 looks on a white background.

Color Contrast Check

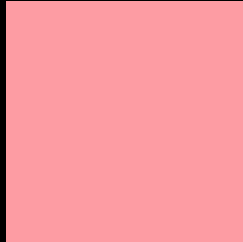
Large Text (above 18pt) WCAG AA × Fail

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 253, 156, 163 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 253, 156, 163 Background



This preview shows how black text looks on a background with the RGB color 253, 156, 163.

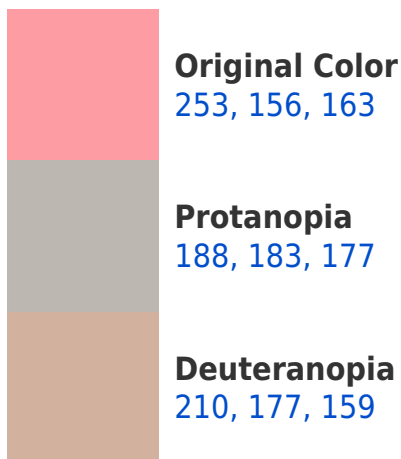



This preview shows how white text looks on a background with the RGB color 253, 156, 163.

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
253, 155, 167

Trichromacy



Original Color

253, 156, 163



Protanomaly

212, 173, 172



Deuteranomaly

226, 169, 160



Tritanomaly

253, 155, 166

Monochromacy



Original Color

253, 156, 163



Achromatopsia

186, 186, 186



Achromatomaly

210, 175, 178

CSS Examples

Text

The CSS property to change the color of the text to RGB 253, 156, 163 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(253, 156, 163) looks like.

```
.text, #text, p{  
    color:rgb(253, 156, 163)  
}
```

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(253, 156, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 156, 163) }
```

Border

The CSS property to change the border of an element to RGB 253, 156, 163 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(253, 156, 163) }
```

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

```
.border{ border-color:rgb(253, 156, 163) }
```

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

Here you see how a box with a 4 pixel rgb(253, 156, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 156, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 156, 163);  
box-shadow:4px 4px 4px 4px rgb(253, 156,  
163) }
```

Background

The CSS property to change the background color of an element to RGB 253, 156, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 156, 163) }
```

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

```
.background{ background-color: rgb(253,  
156, 163) }
```

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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