

Converting Colors

RGB(253, 104, 165)

Have a look what the booklet for
RGB(253, 104, 165) contains.

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Color

RGB(253, 104, 165)

Conversions

Conversions Part 1

Format	Color
Hex	FD68A5
RGB	253, 104, 165
RGB Percent	99%, 41%, 65%
CMY	0.0078, 0.5922, 0.3529
CMYK	0.00, 0.59, 0.35, 0.01
HSL	335°, 97%, 70%
HSV	335°, 59%, 99%
XYZ	52.2499, 33.4999, 39.3096
YIQ	155.5050, 69.2230, 50.5590

Conversions

Conversions Part 2

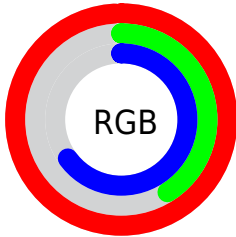
Format	Color
R _Y B	253, 104, 165
Decimal	16607397
CIE Lab	64.56, 62.34, -3.51
CIE LCh	65, 62.434, 356.779
Yxy	33.4999, 0.4178, 0.2679
Android (android.graphics.Color)	4294797477 (0xFFFD68A5)
YUV	155.5050, 4.6810, 85.5031
Hunter-Lab	57.8791, 59.8510, 0.2476

Details

The RGB color **253, 104, 165** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **104, 253, 192**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **255, 161, 220**, and **192, 44, 113** is the 20% darker color. If you saturate the color by 10%, you get **253, 79, 150**, and if you desaturate by 10%, it is **253, 129, 180**.

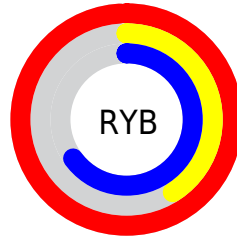
Distribution



Red (99%)

Green (41%)

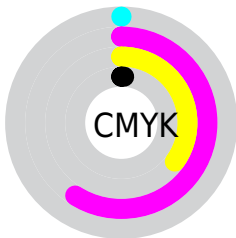
Blue (65%)



Red (99%)

Yellow (41%)

Blue (65%)

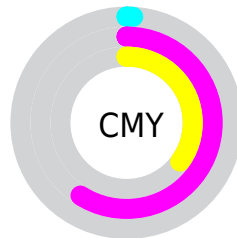


Cyan (0%)

Magenta (59%)

Yellow (35%)

Black (1%)



Cyan (1%)

Magenta (59%)


Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 253, 104, 165 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, 104, 165 by changing the saturation by 10% instead.

 253, 104, 165

 253, 104, 165

255, 255, 255

 222, 75, 139

 255, 161, 220

 192, 44, 113

 255, 190, 248

 163, 0, 89

 255, 219, 255

 133, 0, 66

 255, 248, 255


 105, 0, 44

 76, 0, 23

 49, 0, 2

 0, 0, 0

 253, 104, 165

 253, 104, 165

■ 253, 79, 150

■ 253, 129, 180

■ 253, 53, 135

■ 253, 155, 195

■ 253, 28, 120

■ 253, 180, 210

■ 253, 3, 105

■ 253, 205, 225

■ 253, 0, 104

■ 253, 231, 240

253, 255, 255

253, 255, 255

Harmonies

Analogous

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



218, 120, 219



253, 104, 165



255, 109, 110

Triad

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



253, 104, 165



136, 168, 47



0, 177, 249

Complementary

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



253, 104, 165



104, 253, 192

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, 183, 205



253, 104, 165



56, 178, 92

Square

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



253, 104, 165



191, 152, 32



0, 183, 149



0, 165, 255

Rectangle

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



253, 104, 165



242, 122, 77



0, 183, 149



0, 180, 237

Sweetspot

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



253, 104, 165



255, 209, 228



191, 104, 253



128, 99, 111



0, 0, 0



128, 128, 128

Same Dimension

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



253, 104, 165



255, 74, 148



253, 116, 104



128, 115, 120



191, 0, 78



64, 0, 26

Inverse Universe

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



253, 104, 165



255, 74, 148



104, 241, 253



128, 115, 120



191, 0, 78



64, 0, 26

Previews

White Background



This preview shows how the RGB color 253, 104, 165 looks on a white background.

Color Contrast Check

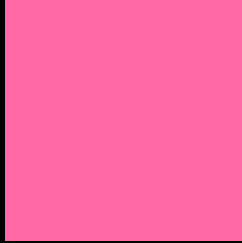
Large Text (above 18pt) WCAG AA × Fail

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, 104, 165 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, 104, 165 Background



This preview shows how black text looks on a background with the RGB color 253, 104, 165.



This preview shows how white text looks on a background with the RGB color 253, 104, 165.

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
253, 104, 165

Protanopia
147, 155, 198

Deuteranopia
172, 152, 158



Tritanopia
250, 113, 121

Trichromacy



Original Color

253, 104, 165



Protanomaly

186, 136, 186



Deuteranomaly

201, 135, 161



Tritanomaly

251, 110, 137

Monochromacy



Original Color

253, 104, 165



Achromatopsia

156, 156, 156



Achromatomaly

191, 137, 159

CSS Examples

Text

The CSS property to change the color of the text to RGB 253, 104, 165 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, 104, 165)` looks like.

```
.text, #text, p{  
    color:rgb(253, 104, 165)  
}
```

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, 104, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 104, 165) }
```

Border

The CSS property to change the border of an element to RGB 253, 104, 165 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, 104, 165) }
```

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

```
.border{ border-color:rgb(253, 104, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 104, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 104, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 104, 165);  
box-shadow:4px 4px 4px 4px rgb(253, 104,  
165) }
```

Background

The CSS property to change the background color of an element to RGB 253, 104, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 104, 165) }
```

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

```
.background{ background-color: rgb(253,  
104, 165) }
```

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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