

Converting Colors

`RYB(253, 99, 244)`

Have a look what the booklet for RYB(253, 99, 244) contains.

RYB(253, 99, 244)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(253, 99, 244)

Conversions

Conversions Part 1

Format	Color
Hex	FD63F4
RGB	253, 99, 244
RGB Percent	99%, 39%, 96%
CMY	0.0078, 0.6118, 0.0431
CMYK	0.00, 0.61, 0.04, 0.01
HSL	304°, 97%, 69%
HSV	304°, 61%, 99%
XYZ	61.2990, 36.3380, 89.3711
YIQ	161.5760, 45.2390, 77.7430

Conversions

Conversions Part 2

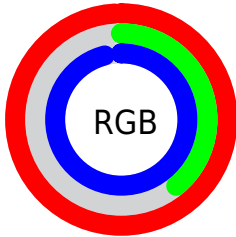
Format	Color
R _{YB}	253, 99, 244
Decimal	16606196
CIE _{Lab}	66.78, 75.19, -44.54
CIE _{LCh}	67, 87.393, 329.360
Yxy	36.3380, 0.3278, 0.1943
Android (android.graphics.Color)	4294796276 (0xFFFD63F4)
YUV	161.5760, 40.6350, 80.1788
Hunter-Lab	60.2810, 76.0227, -45.7052

Details

The RYB color **253, 99, 244** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **99, 244, 253**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **255, 158, 255**, and **193, 30, 187** is the 20% darker color. If you saturate the color by 10%, you get **253, 74, 243**, and if you desaturate by 10%, it is **253, 124, 245**.

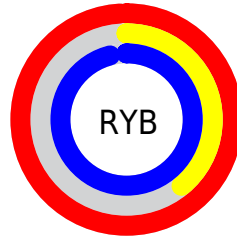
Distribution



Red (99%)

Green (39%)

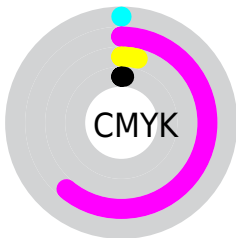
Blue (96%)



Red (99%)

Yellow (39%)

Blue (96%)

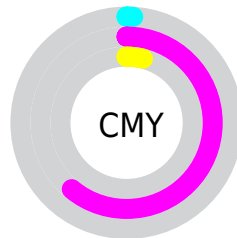


Cyan (0%)

Magenta (61%)

Yellow (4%)

Black (1%)



Cyan (1%)
















Magenta (61%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 253, 99, 244 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 253, 99, 244 by changing the saturation by 10% instead.

 253, 99, 244	 253, 99, 244
255, 255, 255	 223, 68, 215
 255, 158, 255	 193, 30, 187
 255, 187, 255	 164, 0, 160
 255, 217, 255	 135, 0, 133
 255, 247, 255	 106, 0, 107
	 78, 0, 82
	 52, 0, 59
	 18, 0, 36
	 0, 0, 11

■ 253, 99, 244

■ 253, 99, 244

■ 253, 74, 243

■ 253, 124, 245

■ 253, 48, 241

■ 253, 150, 247

■ 253, 23, 240

■ 253, 175, 248

■ 253, 0, 238

■ 253, 200, 250

■ 253, 226, 251

■ 253, 251, 253

253, 254, 255

253, 254, 255

Harmonies

Analogous

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



149, 142, 255



253, 99, 244



255, 65, 168

Triad

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



253, 99, 244



47, 197, 0



0, 107, 238

Complementary

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



253, 99, 244



99, 244, 253

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, 109, 196



253, 99, 244



0, 180, 61

Square

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



253, 99, 244



255, 249, 0



0, 137, 191



0, 109, 255

Rectangle

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



253, 99, 244



255, 72, 116



0, 137, 191



0, 102, 213

Sweetspot

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



253, 99, 244



255, 209, 252



107, 99, 253



128, 99, 126



0, 0, 0



128, 128, 128

Same Dimension

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



253, 99, 244



255, 69, 244



253, 99, 168



128, 115, 127



191, 0, 180



64, 0, 60

Inverse Universe

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



253, 99, 244



255, 69, 244



99, 198, 253



128, 115, 127



191, 0, 180



64, 0, 60

Previews

White Background



This preview shows how the RYB color 253, 99, 244 looks on a white background.

Color Contrast Check

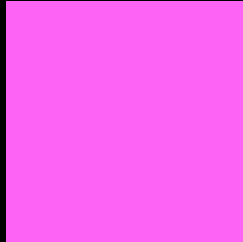
Large Text (above 18pt) WCAG AA × Fail

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 253, 99, 244 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](#).

RYP 253, 99, 244 Background



This preview shows how black text looks on a background with the RYP color 253, 99, 244.

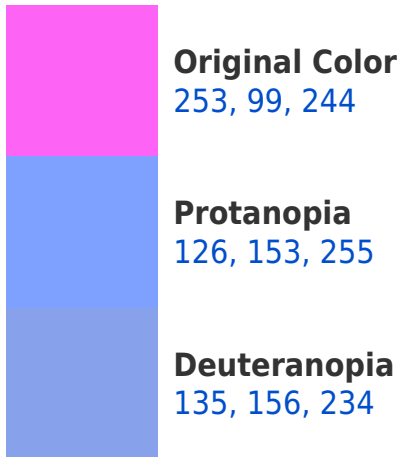


This preview shows how white text looks on a background with the RYP color 253, 99, 244.

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
241, 129, 138

Trichromacy



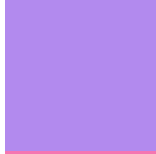
Original Color

253, 99, 244



Protanomaly

172, 138, 251



Deuteranomaly

178, 138, 238



Tritanomaly

245, 118, 177

Monochromacy



Original Color

253, 99, 244



Achromatopsia

162, 162, 162



Achromatomaly

195, 139, 192

CSS Examples

Text

The CSS property to change the color of the text to RYB 253, 99, 244 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, 99, 244)` looks like.

```
.text, #text, p{  
    color:rgb(253, 99, 244)  
}
```

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, 99, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 99, 244) }
```

Border

The CSS property to change the border of an element to RYB 253, 99, 244 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, 99, 244) }
```

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

```
.border{ border-color:rgb(253, 99, 244) }
```

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

Here you see how a box with a 4 pixel rgb(253, 99, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 99, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 99, 244);  
box-shadow:4px 4px 4px 4px rgb(253, 99,  
244) }
```

Background

The CSS property to change the background color of an element to RGB 253, 99, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 99, 244) }
```

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

```
.background{ background-color: rgb(253, 99,  
244) }
```

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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