

Converting Colors

RGB(253, 137, 237)

Have a look what the booklet for
RGB(253, 137, 237) contains.

RGB(253, 137, 237)	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

RGB(253, 137, 237)

Conversions

Conversions Part 1

Format	Color
Hex	FD89ED
RGB	253, 137, 237
RGB Percent	99%, 54%, 93%
CMY	0.0078, 0.4627, 0.0706
CMYK	0.00, 0.46, 0.06, 0.01
HSL	308°, 97%, 76%
HSV	308°, 46%, 99%
XYZ	64.7397, 44.8884, 85.3729
YIQ	183.0840, 37.0360, 55.6920

Conversions

Conversions Part 2

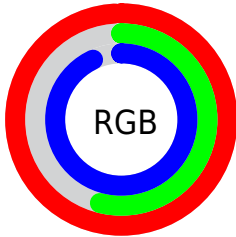
Format	Color
R _Y B	253, 137, 237
Decimal	16615917
CIE Lab	72.82, 57.09, -31.29
CIE LCh	73, 65.101, 331.275
Yxy	44.8884, 0.3320, 0.2302
Android (android.graphics.Color)	4294805997 (0xFFFD89ED)
YUV	183.0840, 26.5806, 61.3163
Hunter-Lab	66.9988, 55.2334, -28.6509

Details

The RGB color **253, 137, 237** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **137, 253, 153**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **255, 193, 255**, and **194, 82, 181** is the 20% darker color. If you saturate the color by 10%, you get **253, 112, 234**, and if you desaturate by 10%, it is **253, 162, 240**.

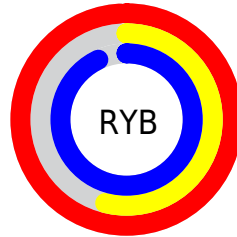
Distribution



Red (99%)

Green (54%)

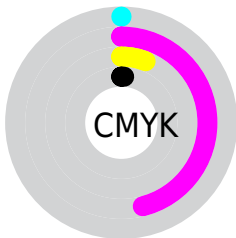
Blue (93%)



Red (99%)

Yellow (54%)

Blue (93%)

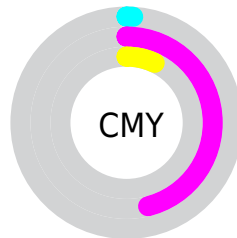


Cyan (0%)

Magenta (46%)

Yellow (6%)

Black (1%)



Cyan (1%)

Magenta (46%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 253, 137, 237 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, 137, 237 by changing the saturation by 10% instead.

 253, 137, 237


255, 255, 255

 255, 193, 255

 255, 222, 255


 255, 252, 255

 253, 137, 237

 223, 110, 209

 194, 82, 181


 166, 54, 154

 138, 21, 128

 110, 0, 102

 83, 0, 78

 58, 0, 55

 31, 0, 32

 0, 0, 4

■ 253, 137, 237

■ 253, 137, 237

■ 253, 112, 234

■ 253, 162, 240

■ 253, 86, 230

■ 253, 188, 244

■ 253, 61, 227

■ 253, 213, 247

■ 253, 36, 223

■ 253, 238, 251

■ 253, 10, 220

253, 255, 254

■ 253, 0, 218

253, 255, 255

Harmonies

Analogous

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



183, 162, 255



253, 137, 237



255, 123, 179

Triad

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



253, 137, 237



208, 177, 48



0, 207, 239

Complementary

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



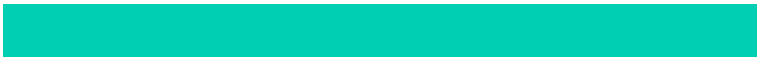
253, 137, 237



137, 253, 153

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, 207, 179



253, 137, 237



148, 193, 69

Square

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



253, 137, 237



255, 154, 73



56, 203, 119



0, 200, 255

Rectangle

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



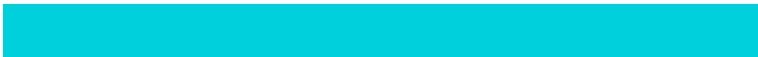
253, 137, 237



255, 127, 139



56, 203, 119



0, 207, 220

Sweetspot

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



253, 137, 237



255, 219, 250



152, 137, 253



128, 106, 125



0, 0, 0



128, 128, 128

Same Dimension

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



253, 137, 237



255, 115, 236



253, 137, 180



128, 115, 126



191, 0, 165



64, 0, 55

Inverse Universe

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



253, 137, 237



255, 115, 236



137, 253, 210



128, 115, 126



191, 0, 165



64, 0, 55

Previews

White Background



This preview shows how the RGB color 253, 137, 237 looks on a white background.

Color Contrast Check

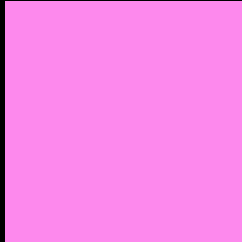
Large Text (above 18pt) WCAG AA × Fail

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, 137, 237 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, 137, 237 Background



This preview shows how black text looks on a background with the RGB color 253, 137, 237.



This preview shows how white text looks on a background with the RGB color 253, 137, 237.

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, 137, 237

Protanopia
154, 177, 255

Deuteranopia
169, 176, 230



Tritanopia
244, 153, 164

Trichromacy



Original Color
253, 137, 237



Protanomaly
190, 162, 248



Deuteranomaly
200, 162, 233



Tritanomaly
247, 147, 191

Monochromacy



Original Color
253, 137, 237



Achromatopsia
183, 183, 183



Achromatomaly
208, 166, 203

CSS Examples

Text

The CSS property to change the color of the text to RGB 253, 137, 237 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, 137, 237)` looks like.

```
.text, #text, p{  
    color:rgb(253, 137, 237)  
}
```

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, 137, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 137, 237) }
```

Border

The CSS property to change the border of an element to RGB 253, 137, 237 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, 137, 237) }
```

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

```
.border{ border-color:rgb(253, 137, 237) }
```

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

Here you see how a box with a 4 pixel rgb(253, 137, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 137, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 137, 237);  
box-shadow:4px 4px 4px 4px rgb(253, 137,  
237) }
```

Background

The CSS property to change the background color of an element to RGB 253, 137, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 137, 237) }
```

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

```
.background{ background-color: rgb(253,  
137, 237) }
```

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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