

Converting Colors

RGB(250, 135, 242)

Have a look what the booklet for
RGB(250, 135, 242) contains.

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Color

RGB(250, 135, 242)

Conversions

Conversions Part 1

Format	Color
Hex	FA87F2
RGB	250, 135, 242
RGB Percent	98%, 53%, 95%
CMY	0.0196, 0.4706, 0.0510
CMYK	0.00, 0.46, 0.03, 0.02
HSL	304°, 92%, 75%
HSV	304°, 46%, 98%
XYZ	64.1153, 44.0627, 89.1301
YIQ	181.5830, 34.1930, 57.6570

Conversions

Conversions Part 2

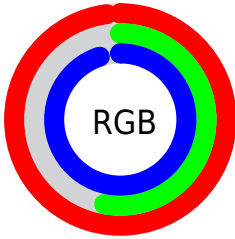
Format	Color
R _Y B	250, 135, 242
Decimal	16418802
CIE Lab	72.27, 58.03, -34.90
CIE LCh	72, 67.718, 328.978
Yxy	44.0627, 0.3250, 0.2233
Android (android.graphics.Color)	4294608882 (0xFFFA87F2)
YUV	181.5830, 29.7856, 60.0017
Hunter-Lab	66.3798, 56.2461, -33.1446

Details

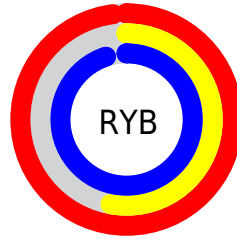
The RGB color **250, 135, 242** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **135, 250, 143**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **255, 191, 255**, and **191, 80, 186** is the 20% darker color. If you saturate the color by 10%, you get **250, 110, 240**, and if you desaturate by 10%, it is **250, 160, 244**.

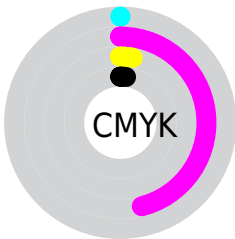
Distribution



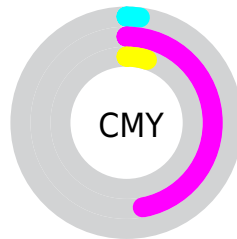
- Red (98%)
- Green (53%)
- Blue (95%)



- Red (98%)
- Yellow (53%)
- Blue (95%)



- Cyan (0%)
- Magenta (46%)
- Yellow (3%)
- Black (2%)




- Cyan (2%)
- Magenta (47%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 250, 135, 242 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 250, 135, 242 by changing the saturation by 10% instead.


 250, 135, 242


255, 255, 255


 255, 191, 255


 255, 220, 255

 255, 249, 255

 250, 135, 242


 220, 107, 213

 191, 80, 186

 163, 52, 158

 135, 17, 132


 107, 0, 106

 81, 0, 82


 56, 0, 58


 28, 0, 36


 0, 0, 11


 250, 135, 242


 250, 135, 242

 250, 110, 240


 250, 160, 244

 250, 85, 239


 250, 185, 245

 250, 60, 237

 250, 210, 247

 250, 35, 235

 250, 235, 249

 250, 10, 233

 250, 255, 251

 250, 0, 233

 250, 255, 252

 250, 255, 254

 250, 255, 255

Harmonies

Analogous

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



174, 162, 255



250, 135, 242



255, 119, 182

Triad

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



250, 135, 242



211, 173, 39



0, 206, 236

Complementary

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



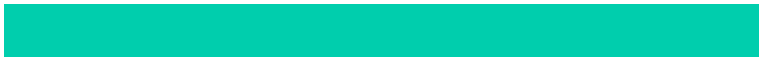
250, 135, 242



135, 250, 143

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, 206, 173



250, 135, 242



150, 191, 59

Square

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



250, 135, 242



255, 150, 70



56, 202, 110



0, 200, 255

Rectangle

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



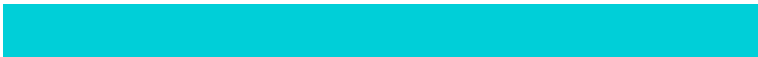
250, 135, 242



255, 121, 141



56, 202, 110



0, 207, 216

Sweetspot

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



250, 135, 242



255, 219, 253



143, 135, 250



128, 106, 126



0, 0, 0



128, 128, 128

Same Dimension

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



250, 135, 242



255, 115, 245



250, 135, 185



125, 112, 124



189, 0, 176



61, 0, 57

Inverse Universe

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



250, 135, 242



255, 115, 245



135, 250, 200



125, 112, 124



189, 0, 176



61, 0, 57

Previews

White Background



This preview shows how the RGB color 250, 135, 242 looks on a white background.

Color Contrast Check

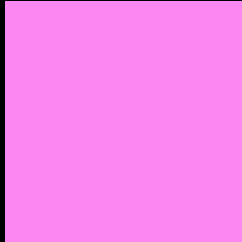
Large Text (above 18pt) WCAG AA × Fail

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 250, 135, 242 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 250, 135, 242 Background



This preview shows how black text looks on a background with the RGB color 250, 135, 242.

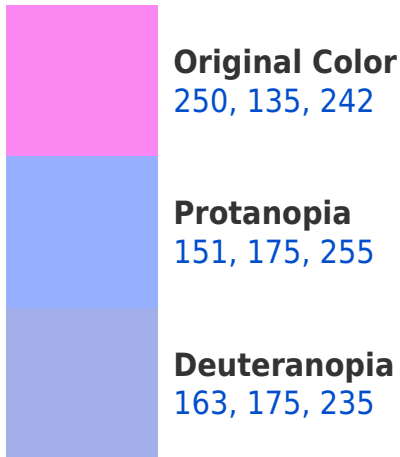


This preview shows how white text looks on a background with the RGB color 250, 135, 242.

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, 153, 164

Trichromacy



Original Color

250, 135, 242



Protanomaly

187, 160, 250



Deuteranomaly

195, 160, 238



Tritanomaly

244, 146, 192

Monochromacy



Original Color

250, 135, 242



Achromatopsia

182, 182, 182



Achromatomaly

207, 165, 204

CSS Examples

Text

The CSS property to change the color of the text to RGB 250, 135, 242 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(250, 135, 242)` looks like.

```
.text, #text, p{  
    color:rgb(250, 135, 242)  
}
```

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(250, 135, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 135, 242) }
```

Border

The CSS property to change the border of an element to RGB 250, 135, 242 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(250, 135, 242) }
```

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

```
.border{ border-color:rgb(250, 135, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 135, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 135, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 135, 242);  
box-shadow:4px 4px 4px 4px rgb(250, 135,  
242) }
```

Background

The CSS property to change the background color of an element to RGB 250, 135, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 135, 242) }
```

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

```
.background{ background-color: rgb(250,  
135, 242) }
```

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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