

Converting Colors

`RYB(250, 147, 225)`

Have a look what the booklet for
RYB(250, 147, 225) contains.

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Color

RYB(250, 147, 225)

Conversions

Conversions Part 1

Format	Color
Hex	FA93E1
RGB	250, 147, 225
RGB Percent	98%, 58%, 88%
CMY	0.0196, 0.4235, 0.1176
CMYK	0.00, 0.41, 0.10, 0.02
HSL	315°, 91%, 78%
HSV	315°, 41%, 98%
XYZ	63.4487, 46.6277, 76.8901
YIQ	186.6890, 36.3500, 46.0940

Conversions

Conversions Part 2

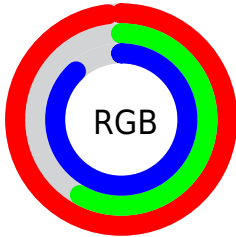
Format	Color
R _Y B	250, 147, 225
Decimal	16421857
CIE Lab	73.95, 49.26, -23.01
CIE LCh	74, 54.374, 334.960
Yxy	46.6277, 0.3394, 0.2494
Android (android.graphics.Color)	4294611937 (0xFFFA93E1)
YUV	186.6890, 18.8873, 55.5237
Hunter-Lab	68.2845, 46.3611, -18.9630

Details

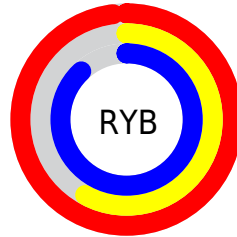
The RYB color **250, 147, 225** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **147, 230, 250**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **255, 203, 255**, and **192, 93, 170** is the 20% darker color. If you saturate the color by 10%, you get **250, 122, 219**, and if you desaturate by 10%, it is **250, 172, 231**.

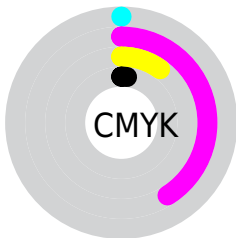
Distribution



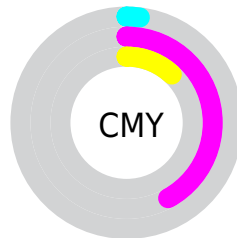
- Red (98%)
- Green (58%)
- Blue (88%)



- Red (98%)
- Yellow (58%)
- Blue (88%)



- Cyan (0%)
- Magenta (41%)
- Yellow (10%)
- Black (2%)




- Cyan (2%)
- Magenta (42%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 250, 147, 225 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 250, 147, 225 by changing the saturation by 10% instead.


 250, 147, 225

255, 255, 255


 255, 203, 255


 255, 232, 255

 250, 147, 225

 221, 120, 197

 192, 93, 170


 163, 67, 143

 136, 39, 117

 109, 3, 92


 82, 0, 69


 57, 0, 46


 31, 0, 25


 0, 0, 0


 250, 147, 225


 250, 147, 225

 250, 122, 219

 250, 172, 231

 250, 97, 213


 250, 197, 237

 250, 72, 207

 250, 222, 243

 250, 47, 201

 250, 247, 249

 250, 22, 195

 250, 253, 255

 250, 0, 189

Harmonies

Analogous

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



196, 165, 255



250, 147, 225



255, 139, 175

Triad

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



250, 147, 225



103, 203, 78



0, 110, 238

Complementary

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



250, 147, 225



147, 230, 250

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, 108, 207



250, 147, 225



97, 195, 141

Square

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



250, 147, 225



245, 230, 91



81, 165, 204



0, 111, 255

Rectangle

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



250, 147, 225



255, 143, 142



81, 165, 204



0, 107, 222

Sweetspot

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



250, 147, 225



255, 224, 248



171, 147, 250



128, 110, 123



0, 0, 0



128, 128, 128

Same Dimension

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



250, 147, 225



255, 130, 225



250, 147, 174



125, 112, 122



189, 0, 143



61, 0, 46

Inverse Universe

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



250, 147, 225



255, 130, 225



147, 206, 250



125, 112, 122



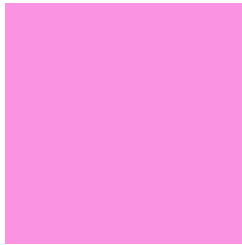
189, 0, 143



61, 0, 46

Previews

White Background



This preview shows how the RYB color 250, 147, 225 looks on a white background.

Color Contrast Check

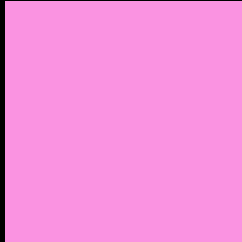
Large Text (above 18pt) WCAG AA × Fail

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 250, 147, 225 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](#).

RYB 250, 147, 225 Background



This preview shows how black text looks on a background with the RYB color 250, 147, 225.

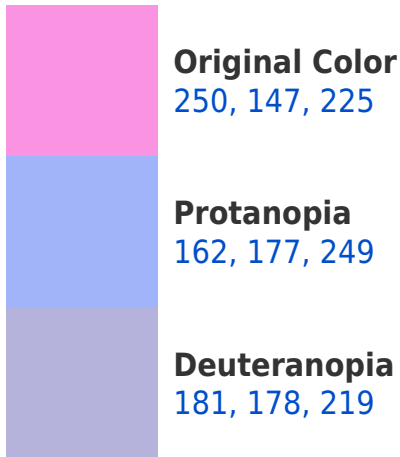



This preview shows how white text looks on a background with the RYB color 250, 147, 225.

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
244, 158, 170

Trichromacy



Original Color

250, 147, 225



Protanomaly

194, 168, 240



Deuteranomaly

206, 167, 221



Tritanomaly

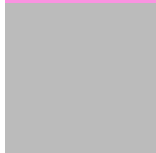
246, 154, 190

Monochromacy



Original Color

250, 147, 225



Achromatopsia

187, 187, 187



Achromatomaly

210, 172, 201

CSS Examples

Text

The CSS property to change the color of the text to RYB 250, 147, 225 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, 147, 225) looks like.

```
.text, #text, p{  
    color:rgb(250, 147, 225)  
}
```

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, 147, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 147, 225) }
```

Border

The CSS property to change the border of an element to RYB 250, 147, 225 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, 147, 225) }
```

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

```
.border{ border-color:rgb(250, 147, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 147, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 147, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 147, 225);  
box-shadow:4px 4px 4px 4px rgb(250, 147,  
225) }
```

Background

The CSS property to change the background color of an element to RYB 250, 147, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 147, 225) }
```

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

```
.background{ background-color: rgb(250,  
147, 225) }
```

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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