

Converting Colors

`RYB(250, 129, 201)`

Have a look what the booklet for
RYB(250, 129, 201) contains.

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Color

R_YB(250, 129, 201)

Conversions

Conversions Part 1

Format	Color
Hex	FA81C9
RGB	250, 129, 201
RGB Percent	98%, 51%, 79%
CMY	0.0196, 0.4941, 0.2118
CMYK	0.00, 0.48, 0.20, 0.02
HSL	324°, 92%, 74%
HSV	324°, 48%, 98%
XYZ	57.8172, 40.2416, 59.9784
YIQ	173.3870, 49.0040, 48.0440

Conversions

Conversions Part 2

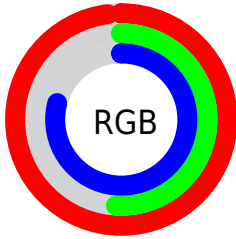
Format	Color
R_{YB}	250, 129, 201
Decimal	16417225
CIE _{Lab}	69.64, 54.51, -16.29
CIE _{LCh}	70, 56.892, 343.360
Yxy	40.2416, 0.3658, 0.2546
Android (android.graphics.Color)	4294607305 (0xFFFA81C9)
YUV	173.3870, 13.6132, 67.1896
Hunter-Lab	63.4362, 51.6755, -11.6528

Details

The RYB color **250, 129, 201** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **129, 215, 250**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **255, 185, 255**, and **191, 74, 147** is the 20% darker color. If you saturate the color by 10%, you get **250, 104, 191**, and if you desaturate by 10%, it is **250, 154, 211**.

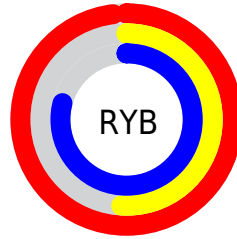
Distribution



Red (98%)

Green (51%)

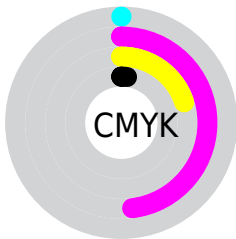
Blue (79%)



Red (98%)

Yellow (51%)

Blue (79%)

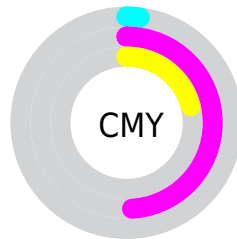


Cyan (0%)

Magenta (48%)

Yellow (20%)

Black (2%)



Cyan (2%)


Magenta (49%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the RYB color 250, 129, 201 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, 129, 201 by changing the saturation by 10% instead.


 250, 129, 201

 250, 129, 201

255, 255, 255

 220, 102, 174

 255, 185, 255

 191, 74, 147

 255, 214, 255

 162, 46, 121

 255, 243, 255

 134, 7, 96

 107, 0, 72


 79, 0, 50


 56, 0, 29


 22, 0, 0


 0, 0, 0


 250, 129, 201


 250, 129, 201

 250, 104, 191


 250, 154, 211

 250, 79, 181

 250, 179, 221

 250, 54, 171

 250, 204, 231

 250, 29, 161

 250, 229, 241

 250, 4, 150

 250, 253, 254

 250, 0, 149

 250, 253, 255

Harmonies

Analogous

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



203, 147, 246



250, 129, 201



255, 125, 149

Triad

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



250, 129, 201



65, 177, 63



0, 107, 240

Complementary

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



250, 129, 201



129, 215, 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, 99, 196



250, 129, 201



92, 187, 160

Square

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



250, 129, 201



183, 223, 68



0, 113, 194



0, 107, 255

Rectangle

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



250, 129, 201



255, 134, 116



0, 113, 194



0, 104, 225

Sweetspot

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



250, 129, 201



255, 217, 240



177, 129, 250



128, 105, 118



0, 0, 0



128, 128, 128

Same Dimension

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



250, 129, 201



255, 107, 195



250, 129, 141



125, 112, 120



189, 0, 112



61, 0, 36

Inverse Universe

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



250, 129, 201



255, 107, 195



129, 193, 250



125, 112, 120



189, 0, 112



61, 0, 36

Previews

White Background



This preview shows how the RYB color 250, 129, 201 looks on a white background.

Color Contrast Check

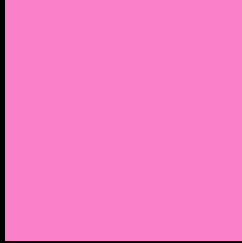
Large Text (above 18pt) WCAG AA × Fail

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, 129, 201 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, 129, 201 Background



This preview shows how black text looks on a background with the RGB color 250, 129, 201.



This preview shows how white text looks on a background with the RGB color 250, 129, 201.

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
250, 129, 201

Protanopia
154, 166, 229

Deuteranopia
176, 166, 195



Tritanopia
245, 140, 150

Trichromacy



Original Color

250, 129, 201



Protanomaly

189, 154, 219



Deuteranomaly

203, 153, 197



Tritanomaly

247, 136, 169

Monochromacy



Original Color

250, 129, 201



Achromatopsia

173, 173, 173



Achromatomaly

201, 157, 183

CSS Examples

Text

The CSS property to change the color of the text to RYB 250, 129, 201 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, 129, 201) looks like.

```
.text, #text, p{  
    color:rgb(250, 129, 201)  
}
```

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, 129, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 129, 201) }
```

Border

The CSS property to change the border of an element to RYB 250, 129, 201 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, 129, 201) }
```

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

```
.border{ border-color:rgb(250, 129, 201) }
```

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

Here you see how a box with a 4 pixel rgb(250, 129, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 129, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 129, 201);  
box-shadow:4px 4px 4px 4px rgb(250, 129,  
201) }
```

Background

The CSS property to change the background color of an element to RYB 250, 129, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 129, 201) }
```

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

```
.background{ background-color: rgb(250,  
129, 201) }
```

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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