

# Converting Colors

RGB(250, 150, 211)

Have a look what the booklet for  
RGB(250, 150, 211) contains.

<b>RGB(250, 150, 211)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**RGB(250, 150, 211)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FA96D3
RGB	250, 150, 211
RGB Percent	98%, 59%, 83%
CMY	0.0196, 0.4118, 0.1725
CMYK	0.00, 0.40, 0.16, 0.02
HSL	323°, 91%, 78%
HSV	323°, 40%, 98%
XYZ	62.0886, 46.8398, 67.3966
YIQ	186.8540, 40.0190, 40.1710

# Conversions

## Conversions Part 2

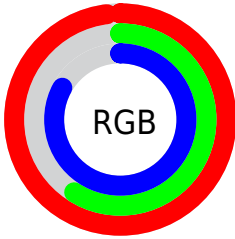
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	250, 150, 211
Decimal	16422611
CIE <sub>Lab</sub>	74.09, 45.53, -15.12
CIE <sub>LCh</sub>	74, 47.977, 341.625
Yxy	46.8398, 0.3521, 0.2656
Android (android.graphics.Color)	4294612691 (0xFFFA96D3)
YUV	186.8540, 11.9040, 55.3790
Hunter-Lab	68.4396, 42.1662, -10.4787

# Details

The RGB color **250, 150, 211** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **150, 250, 189**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **255, 206, 255**, and **192, 97, 156** is the 20% darker color. If you saturate the color by 10%, you get **250, 125, 201**, and if you desaturate by 10%, it is **250, 175, 221**.

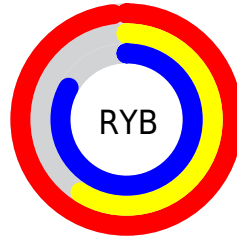
# Distribution



Red (98%)

Green (59%)

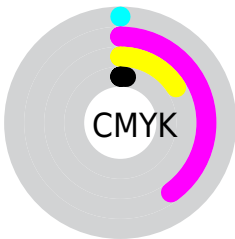
Blue (83%)



Red (98%)

Yellow (59%)

Blue (83%)

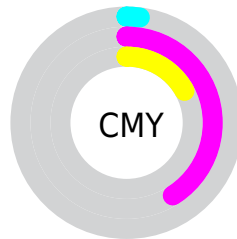


Cyan (0%)

Magenta (40%)

Yellow (16%)

Black (2%)



Cyan (2%)

Magenta (41%)


Yellow (17%)


# Brightness & Saturation Gradients

These gradients show how the RGB color 250, 150, 211 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, 150, 211 by changing the saturation by 10% instead.



 250, 150, 211

 250, 150, 211


255, 255, 255

 221, 123, 183

 255, 206, 255

 192, 97, 156

 255, 235, 255

 163, 70, 130

 136, 44, 105


 109, 13, 81


 82, 0, 58


 57, 0, 36


 32, 0, 13


 0, 0, 0

 250, 150, 211


 250, 150, 211

 250, 125, 201

 250, 175, 221

 250, 100, 192


 250, 200, 231

 250, 75, 182

 250, 225, 240

 250, 50, 172

 250, 250, 250

 250, 25, 162

 250, 255, 255

 250, 0, 153

# Harmonies

## Analogous

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



208, 164, 248



250, 150, 211



255, 146, 167

# Triad

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



250, 150, 211



193, 185, 93



0, 202, 239

# Complementary

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



250, 150, 211



150, 250, 189

# 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, 205, 198



250, 150, 211



144, 196, 114

# Square

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



250, 150, 211



232, 170, 98



82, 203, 153



27, 194, 255

# Rectangle

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



250, 150, 211



255, 151, 138



82, 203, 153



0, 204, 227



# Sweetspot

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



250, 150, 211



255, 224, 243



188, 150, 250



128, 110, 121



0, 0, 0



128, 128, 128



# Same Dimension

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



250, 150, 211



255, 133, 207



250, 150, 162



125, 112, 120



189, 0, 115



61, 0, 37



# Inverse Universe

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



250, 150, 211



255, 133, 207



150, 250, 238



125, 112, 120



189, 0, 115

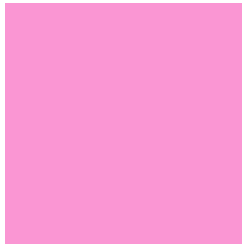


61, 0, 37



# Previews

## White Background



This preview shows how the RGB color 250, 150, 211 looks on a white background.

## Color Contrast Check

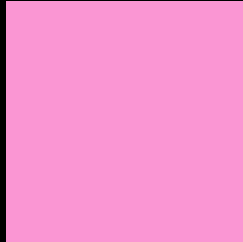
Large Text (above 18pt) WCAG AA × Fail

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, 150, 211 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, 150, 211 Background



This preview shows how black text looks on a background with the RGB color 250, 150, 211.

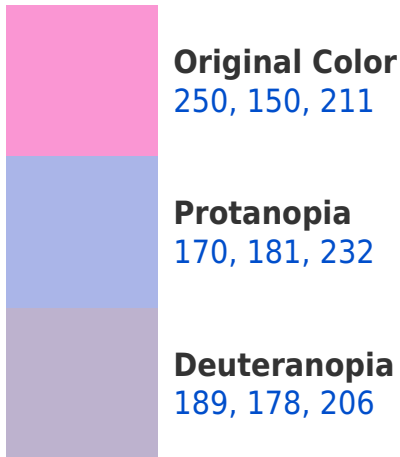



This preview shows how white text looks on a background with the RGB color 250, 150, 211.

# 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**  
245, 158, 170

# Trichromacy



**Original Color**  
250, 150, 211



**Protanomaly**  
199, 170, 224



**Deuteranomaly**  
211, 168, 208



**Tritanomaly**  
247, 155, 185

# Monochromacy



**Original Color**  
250, 150, 211



**Achromatopsia**  
187, 187, 187



**Achromatomaly**  
210, 174, 196

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 250, 150, 211 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, 150, 211)` looks like.

```
.text, #text, p{  
    color:rgb(250, 150, 211)  
}
```

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, 150, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 150, 211) }
```

## Border

The CSS property to change the border of an element to RGB 250, 150, 211 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, 150, 211) }
```

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

```
.border{ border-color:rgb(250, 150, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 150, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 150, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 150, 211);  
box-shadow:4px 4px 4px 4px rgb(250, 150,  
211) }
```

# Background

The CSS property to change the background color of an element to RGB 250, 150, 211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 150, 211) }
```

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

```
.background{ background-color: rgb(250,  
150, 211) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor