

Converting Colors

`RYB(250, 216, 247)`

Have a look what the booklet for
RYB(250, 216, 247) contains.

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Color

R_YB(250, 216, 247)

Conversions

Conversions Part 1

Format	Color
Hex	FAD8F7
RGB	250, 216, 247
RGB Percent	98%, 85%, 97%
CMY	0.0196, 0.1529, 0.0314
CMYK	0.00, 0.14, 0.01, 0.02
HSL	305°, 77%, 91%
HSV	305°, 14%, 98%
XYZ	80.7687, 76.1511, 98.4374
YIQ	229.7000, 10.3130, 16.8490

Conversions

Conversions Part 2

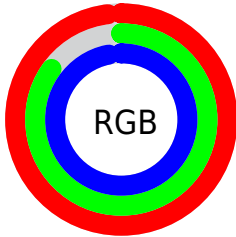
Format	Color
R _Y B	250, 216, 247
Decimal	16439543
CIE Lab	89.93, 17.00, -10.75
CIE LCh	90, 20.114, 327.690
Yxy	76.1511, 0.3163, 0.2982
Android (android.graphics.Color)	4294629623 (0xFFFA8F7)
YUV	229.7000, 8.5289, 17.8031
Hunter-Lab	87.2646, 12.4995, -5.7958

Details

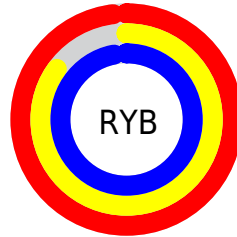
The RYB color **250, 216, 247** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **216, 247, 250**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **255, 255, 255**, and **193, 161, 191** is the 20% darker color. If you saturate the color by 10%, you get **250, 191, 245**, and if you desaturate by 10%, it is **250, 241, 249**.

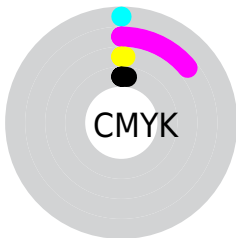
Distribution



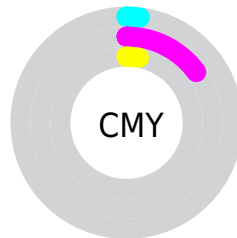
- Red (98%)
- Green (85%)
- Blue (97%)



- Red (98%)
- Yellow (85%)
- Blue (97%)



- Cyan (0%)
- Magenta (14%)
- Yellow (1%)
- Black (2%)



- Cyan (2%)
- Magenta (15%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RYB color 250, 216, 247 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, 216, 247 by changing the saturation by 10% instead.

250, 216, 247

255, 255, 255

250, 216, 247

221, 188, 218

193, 161, 191

166, 135, 164

140, 109, 137

114, 85, 112

89, 61, 87


65, 39, 64

43, 18, 42


25, 0, 22

 250, 216, 247


 250, 216, 247

 250, 191, 245


 250, 241, 249

 250, 166, 243

 250, 254, 255


 250, 141, 240

 250, 253, 255


 250, 116, 238

 250, 253, 255

 250, 91, 236

 250, 66, 234

 250, 41, 232

 250, 16, 229

 250, 0, 228

Harmonies

Analogous

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



228, 222, 255



250, 216, 247



255, 213, 228

Triad

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



250, 216, 247



217, 243, 188



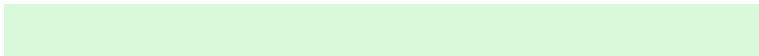
175, 207, 243

Complementary

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



250, 216, 247



216, 247, 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.



183, 214, 237



250, 216, 247



192, 230, 200

Square

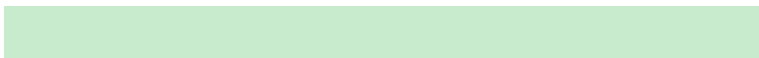
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



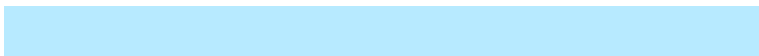
250, 216, 247



255, 234, 194



200, 231, 235



183, 213, 255

Rectangle

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



250, 216, 247



255, 213, 215



200, 231, 235



176, 207, 237

Sweetspot

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



250, 216, 247



255, 245, 254



219, 216, 250



128, 121, 127



0, 0, 0



128, 128, 128

Same Dimension

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



250, 216, 247



255, 214, 251



250, 216, 230



125, 112, 124



189, 0, 172



61, 0, 56

Inverse Universe

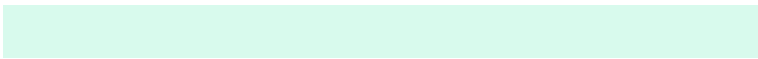
The Inverse Universe completely reimagines the original color for something new.



250, 216, 247



255, 214, 251



216, 237, 250



125, 112, 124



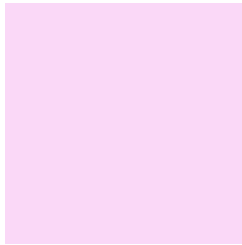
189, 0, 172



61, 0, 56

Previews

White Background



This preview shows how the RYB color 250, 216, 247 looks on a white background.

Color Contrast Check

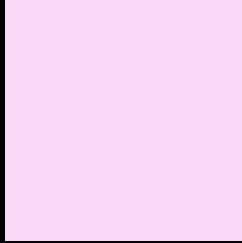
Large Text (above 18pt) WCAG AA × Fail

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, 216, 247 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, 216, 247 Background



This preview shows how black text looks on a background with the RYB color 250, 216, 247.

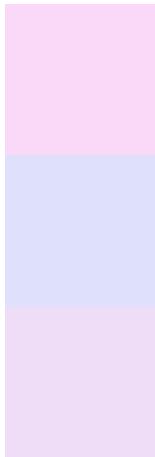


This preview shows how white text looks on a background with the RYB color 250, 216, 247.

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, 216, 247

Protanopia
223, 225, 252

Deuteranopia
239, 220, 246



Tritanopia

248, 218, 235

Trichromacy



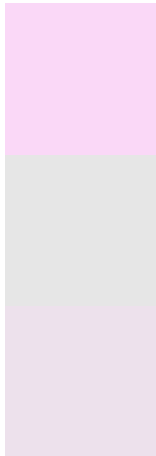
Original Color
250, 216, 247

Protanomaly
233, 222, 250

Deuteranomaly
243, 219, 246

Tritanomaly
249, 217, 239

Monochromacy



Original Color
250, 216, 247

Achromatopsia
230, 230, 230

Achromatomaly
237, 225, 236

CSS Examples

Text

The CSS property to change the color of the text to RYB 250, 216, 247 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, 216, 247) looks like.

```
.text, #text, p{  
    color:rgb(250, 216, 247)  
}
```

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, 216, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 216, 247) }
```

Border

The CSS property to change the border of an element to RYB 250, 216, 247 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, 216, 247) }
```

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

```
.border{ border-color:rgb(250, 216, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 216, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 216, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 216, 247);  
box-shadow:4px 4px 4px 4px rgb(250, 216,  
247) }
```

Background

The CSS property to change the background color of an element to RGB 250, 216, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 216, 247) }
```

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

```
.background{ background-color: rgb(250,  
216, 247) }
```

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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