

Converting Colors

`RYB(246, 187, 246)`

Have a look what the booklet for
RYB(246, 187, 246) contains.

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Color

RYB(246, 187, 246)

Conversions

Conversions Part 1

Format	Color
Hex	F6BBF6
RGB	246, 187, 246
RGB Percent	96%, 73%, 96%
CMY	0.0353, 0.2667, 0.0353
CMYK	0.00, 0.24, 0.00, 0.04
HSL	300°, 77%, 85%
HSV	300°, 24%, 96%
XYZ	72.4109, 61.7873, 95.2984
YIQ	211.3670, 16.2250, 30.8570

Conversions

Conversions Part 2

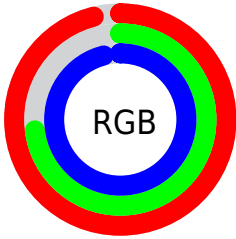
Format	Color
R _Y B	246, 187, 246
Decimal	16169974
CIE Lab	82.80, 30.80, -20.97
CIE LCh	83, 37.255, 325.754
Yxy	61.7873, 0.3155, 0.2692
Android (android.graphics.Color)	4294360054 (0xFFFF6BBF6)
YUV	211.3670, 17.0741, 30.3731
Hunter-Lab	78.6049, 26.8758, -16.8582

Details

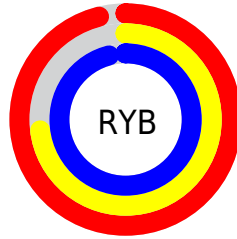
The RYB color **246, 187, 246** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **187, 246, 246**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **255, 244, 255**, and **189, 133, 190** is the 20% darker color. If you saturate the color by 10%, you get **246, 162, 246**, and if you desaturate by 10%, it is **246, 212, 246**.

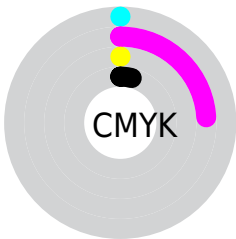
Distribution



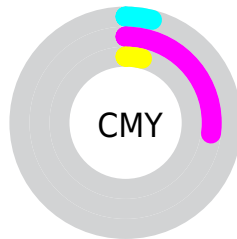
- Red (96%)
- Green (73%)
- Blue (96%)



- Red (96%)
- Yellow (73%)
- Blue (96%)



- Cyan (0%)
- Magenta (24%)
- Yellow (0%)
- Black (4%)




- Cyan (4%)
- Magenta (27%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 246, 187, 246 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 246, 187, 246 by changing the saturation by 10% instead.


 246, 187, 246


 246, 187, 246

255, 255, 255

 217, 160, 217

 255, 244, 255

 189, 133, 190

 162, 107, 162

 135, 83, 136

 109, 58, 111

 84, 35, 86

 59, 11, 63

 38, 0, 41

 0, 1, 19

 246, 187, 246

 246, 187, 246

 246, 162, 246

 246, 212, 246

 246, 138, 246


 246, 236, 246


 246, 113, 246

 246, 255, 255

 246, 89, 246

 246, 64, 246

 246, 39, 246

 246, 15, 246

 246, 0, 246

Harmonies

Analogous

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



204, 199, 255



246, 187, 246



255, 180, 213

Triad

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



246, 187, 246



186, 235, 136



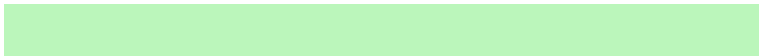
88, 159, 235

Complementary

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



246, 187, 246



187, 246, 246

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.



117, 178, 225



246, 187, 246



142, 213, 156

Square

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



246, 187, 246



255, 216, 149



158, 214, 221



102, 169, 255

Rectangle

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



246, 187, 246



255, 180, 189



158, 214, 221



94, 160, 225

Sweetspot

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



246, 187, 246



255, 237, 255



187, 187, 246



128, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



246, 187, 246



255, 181, 255



246, 187, 217



122, 110, 122



186, 0, 186



59, 0, 59

Inverse Universe

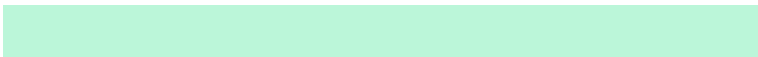
The Inverse Universe completely reimagines the original color for something new.



246, 187, 246



255, 181, 255



187, 226, 246



122, 110, 122



186, 0, 186



59, 0, 59

Previews

White Background



This preview shows how the RYB color 246, 187, 246 looks on a white background.

Color Contrast Check

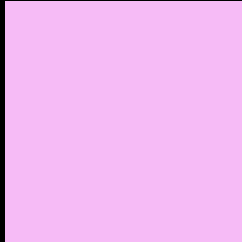
Large Text (above 18pt) WCAG AA × Fail

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 246, 187, 246 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 246, 187, 246 Background



This preview shows how black text looks on a background with the RYB color 246, 187, 246.



This preview shows how white text looks on a background with the RYB color 246, 187, 246.

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
246, 187, 246

Protanopia
194, 203, 255

Deuteranopia
209, 202, 243



Tritanopia
241, 194, 209

Trichromacy



Original Color

246, 187, 246



Protanomaly

213, 198, 252



Deuteranomaly

222, 197, 244



Tritanomaly

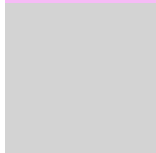
243, 191, 222

Monochromacy



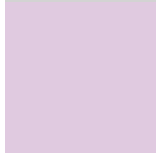
Original Color

246, 187, 246



Achromatopsia

211, 211, 211



Achromatomaly

224, 202, 224

CSS Examples

Text

The CSS property to change the color of the text to RYB 246, 187, 246 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(246, 187, 246)` looks like.

```
.text, #text, p{  
    color:rgb(246, 187, 246)  
}
```

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(246, 187, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 187, 246) }
```

Border

The CSS property to change the border of an element to RYB 246, 187, 246 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(246, 187, 246) }
```

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

```
.border{ border-color:rgb(246, 187, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 187, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 187, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 187, 246);  
box-shadow:4px 4px 4px 4px rgb(246, 187,  
246) }
```

Background

The CSS property to change the background color of an element to RYB 246, 187, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 187, 246) }
```

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

```
.background{ background-color: rgb(246,  
187, 246) }
```

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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