

Converting Colors

`RYB(246, 205, 254)`

Have a look what the booklet for
RYB(246, 205, 254) contains.

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Color

R_YB(246, 205, 254)

Conversions

Conversions Part 1

Format	Color
Hex	F6CDFE
RGB	246, 205, 254
RGB Percent	96%, 80%, 100%
CMY	0.0353, 0.1961, 0.0039
CMYK	0.03, 0.19, 0.00, 0.00
HSL	290°, 96%, 90%
HSV	290°, 19%, 100%
XYZ	77.7268, 70.4112, 103.2600
YIQ	222.8450, 8.7070, 23.9310

Conversions

Conversions Part 2

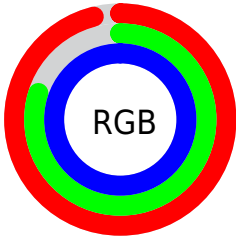
Format	Color
R _Y B	246, 205, 254
Decimal	16174590
CIE Lab	87.20, 22.75, -18.57
CIE LCh	87, 29.367, 320.780
Yxy	70.4112, 0.3092, 0.2801
Android (android.graphics.Color)	4294364670 (0xFFF6CDFE)
YUV	222.8450, 15.3594, 20.3069
Hunter-Lab	83.9114, 18.4988, -14.2233

Details

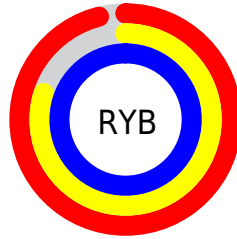
The RYB color **246, 205, 254** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **205, 254, 246**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is 255, 255, 255, and **189, 151, 197** is the 20% darker color. If you saturate the color by 10%, you get **242, 180, 254**, and if you desaturate by 10%, it is **250, 230, 254**.

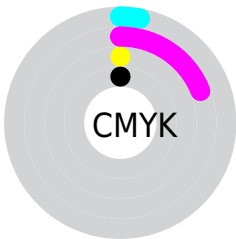
Distribution



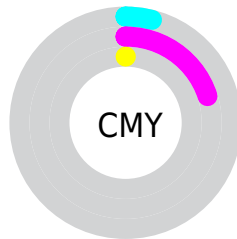
- Red (96%)
- Green (80%)
- Blue (100%)



- Red (96%)
- Yellow (80%)
- Blue (100%)



- Cyan (3%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (4%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the RYB color 246, 205, 254 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, 205, 254 by changing the saturation by 10% instead.


 246, 205, 254

255, 255, 255


 246, 205, 254

 217, 177, 225


 189, 151, 197

 162, 125, 170

 136, 99, 143

 110, 75, 118

 85, 52, 93

 61, 30, 69

 38, 8, 47

 12, 0, 26

■ 246, 205, 254

■ 246, 205, 254

■ 242, 180, 254

■ 250, 230, 254

■ 238, 154, 254

254, 255, 255

■ 234, 129, 254

254, 255, 254

■ 229, 103, 254

■ 225, 78, 254

■ 221, 53, 254

■ 217, 27, 254

■ 213, 2, 254

■ 213, 0, 254

Harmonies

Analogous

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



211, 214, 255



246, 205, 254



255, 199, 228

Triad

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



246, 205, 254



219, 247, 164



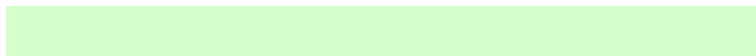
138, 187, 237

Complementary

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



246, 205, 254



205, 254, 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.



157, 203, 234



246, 205, 254



166, 223, 170

Square

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



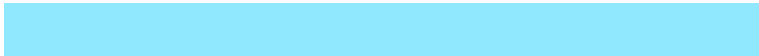
246, 205, 254



255, 222, 176



182, 230, 225



144, 193, 255

Rectangle

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



246, 205, 254



255, 198, 209



182, 230, 225



142, 190, 234

Sweetspot

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



246, 205, 254



253, 240, 255



205, 212, 254



126, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



246, 205, 254



245, 196, 255



254, 205, 238



125, 115, 128



160, 0, 191



53, 0, 64

Inverse Universe

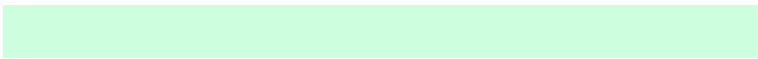
The Inverse Universe completely reimagines the original color for something new.



254, 205, 213



255, 196, 206



205, 242, 254



128, 115, 117



191, 0, 31



64, 0, 10

Previews

White Background



This preview shows how the RYB color 246, 205, 254 looks on a white background.

Color Contrast Check

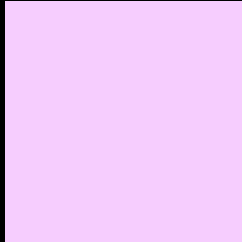
Large Text (above 18pt) WCAG AA × Fail

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, 205, 254 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

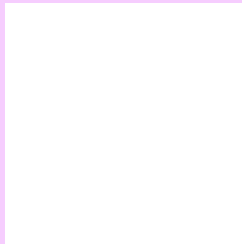
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 246, 205, 254 Background



This preview shows how black text looks on a background with the RYB color 246, 205, 254.

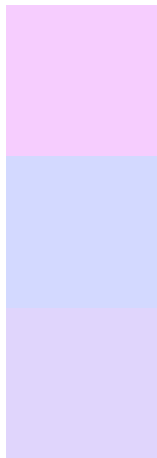


This preview shows how white text looks on a background with the RYB color 246, 205, 254.

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, 205, 254

Protanopia
211, 216, 255

Deuteranopia
224, 213, 252



Tritanopia
242, 210, 226

Trichromacy



Original Color

246, 205, 254



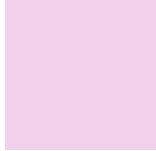
Protanomaly

224, 213, 255



Deuteranomaly

232, 210, 253



Tritanomaly

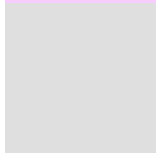
243, 208, 236

Monochromacy



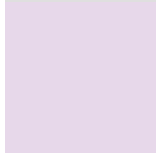
Original Color

246, 205, 254



Achromatopsia

223, 223, 223



Achromatomaly

231, 216, 234

CSS Examples

Text

The CSS property to change the color of the text to RYB 246, 205, 254 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, 205, 254) looks like.

```
.text, #text, p{  
    color:rgb(246, 205, 254)  
}
```

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, 205, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 205, 254) }
```

Border

The CSS property to change the border of an element to RYB 246, 205, 254 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, 205, 254) }
```

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

```
.border{ border-color:rgb(246, 205, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 205, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 205, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 205, 254);  
box-shadow:4px 4px 4px 4px rgb(246, 205,  
254) }
```

Background

The CSS property to change the background color of an element to RYB 246, 205, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 205, 254) }
```

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

```
.background{ background-color: rgb(246,  
205, 254) }
```

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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