

Converting Colors

`RYB(246, 203, 238)`

Have a look what the booklet for
RYB(246, 203, 238) contains.

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Color

R_YB(246, 203, 238)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | F6CBEE |
| RGB | 246, 203, 238 |
| RGB Percent | 96%, 80%, 93% |
| CMY | 0.0353, 0.2039, 0.0667 |
| CMYK | 0.00, 0.17, 0.03, 0.04 |
| HSL | 311°, 70%, 88% |
| HSV | 311°, 17%, 96% |
| XYZ | 74.7946, 68.4777, 90.1643 |
| YIQ | 219.8470, 14.3930, 20.0010 |

Conversions

Conversions Part 2

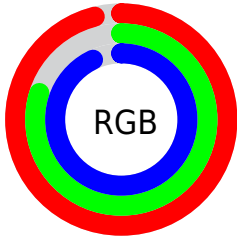
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 246, 203, 238 |
| Decimal | 16174062 |
| CIE Lab | 86.24, 20.91, -11.53 |
| CIE LCh | 86, 23.873, 331.128 |
| Yxy | 68.4777, 0.3204, 0.2933 |
| Android (android.graphics.Color) | 4294364142 (0xFFFF6CBEE) |
| YUV | 219.8470, 8.9494, 22.9362 |
| Hunter-Lab | 82.7513, 16.5221, -6.6754 |

Details

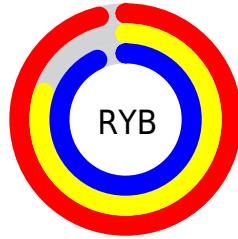
The RYB color **246, 203, 238** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **203, 239, 246**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is 255, 255, 255, and **189, 149, 182** is the 20% darker color. If you saturate the color by 10%, you get **246, 178, 233**, and if you desaturate by 10%, it is **246, 228, 243**.

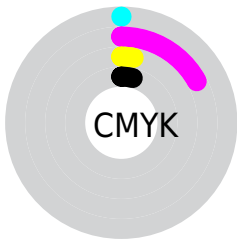
Distribution



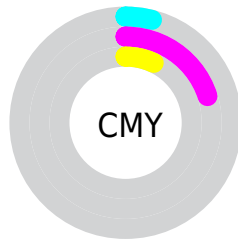
- Red (96%)
- Green (80%)
- Blue (93%)



- Red (96%)
- Yellow (80%)
- Blue (93%)



- Cyan (0%)
- Magenta (17%)
- Yellow (3%)
- Black (4%)



- Cyan (4%)
- Magenta (20%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RYB color 246, 203, 238 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, 203, 238 by changing the saturation by 10% instead.


 246, 203, 238

255, 255, 255


 246, 203, 238

 217, 175, 210


 189, 149, 182

 162, 123, 155

 136, 98, 129

 110, 73, 104

 85, 50, 80


 61, 28, 57

 39, 6, 35


 6, 0, 12

 246, 203, 238

 246, 203, 238

 246, 178, 233


 246, 228, 243

 246, 154, 229


 246, 251, 252


 246, 129, 224


 246, 251, 255

 246, 105, 220

 246, 251, 255

 246, 80, 215

 246, 55, 211

 246, 31, 206

 246, 6, 201

 246, 0, 200

Harmonies

Analogous

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



221, 210, 254



246, 203, 238



255, 200, 216

Triad

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



246, 203, 238



197, 232, 171



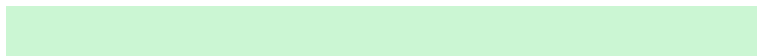
154, 193, 238

Complementary

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



246, 203, 238



203, 239, 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.



161, 199, 229



246, 203, 238



177, 222, 191

Square

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



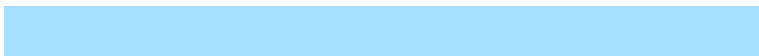
246, 203, 238



252, 227, 177



182, 218, 227



165, 201, 255

Rectangle

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



246, 203, 238



255, 200, 200



182, 218, 227



154, 192, 231

Sweetspot

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



246, 203, 238



255, 242, 253



211, 203, 246



128, 120, 126



0, 0, 0



128, 128, 128

Same Dimension

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



246, 203, 238



255, 201, 245



246, 203, 217



122, 110, 120



186, 0, 152



59, 0, 48

Inverse Universe

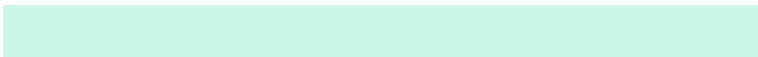
The Inverse Universe completely reimagines the original color for something new.



246, 203, 238



255, 201, 245



203, 229, 246



122, 110, 120



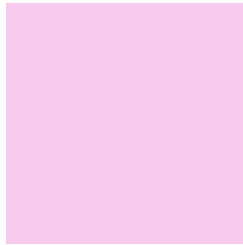
186, 0, 152



59, 0, 48

Previews

White Background



This preview shows how the RYB color 246, 203, 238 looks on a white background.

Color Contrast Check

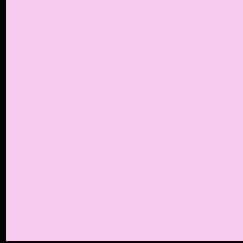
Large Text (above 18pt) WCAG AA × Fail

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, 203, 238 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, 203, 238 Background



This preview shows how black text looks on a background with the RYB color 246, 203, 238.

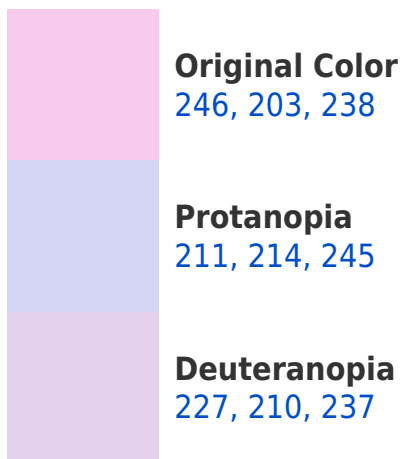


This preview shows how white text looks on a background with the RYB color 246, 203, 238.

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
244, 206, 222

Trichromacy



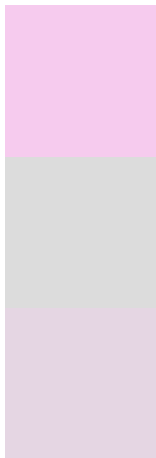
Original Color
246, 203, 238

Protanomaly
224, 210, 242

Deuteranomaly
234, 207, 237

Tritanomaly
245, 205, 228

Monochromacy



Original Color
246, 203, 238

Achromatopsia
220, 220, 220

Achromatomaly
229, 214, 227

CSS Examples

Text

The CSS property to change the color of the text to RYB 246, 203, 238 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, 203, 238) looks like.

```
.text, #text, p{  
    color:rgb(246, 203, 238)  
}
```

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, 203, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 203, 238) }
```

Border

The CSS property to change the border of an element to RYB 246, 203, 238 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, 203, 238) }
```

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

```
.border{ border-color:rgb(246, 203, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 203, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 203, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 203, 238); box-shadow:4px 4px 4px 4px rgb(246, 203, 238) }
```

Background

The CSS property to change the background color of an element to RYB 246, 203, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 203, 238) }
```

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

```
.background{ background-color: rgb(246,  
203, 238) }
```

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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