

Converting Colors

`RYB(246, 208, 237)`

Have a look what the booklet for
RYB(246, 208, 237) contains.

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Color

R_YB(246, 208, 237)

Conversions

Conversions Part 1

Format	Color
Hex	F6D0ED
RGB	246, 208, 237
RGB Percent	96%, 82%, 93%
CMY	0.0353, 0.1843, 0.0706
CMYK	0.00, 0.15, 0.04, 0.04
HSL	314°, 68%, 89%
HSV	314°, 15%, 96%
XYZ	75.8480, 70.8190, 89.7926
YIQ	222.6680, 13.3390, 17.0750

Conversions

Conversions Part 2

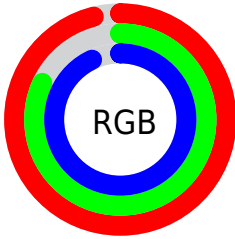
Format	Color
R _Y B	246, 208, 237
Decimal	16175341
CIE Lab	87.40, 18.10, -9.28
CIE LCh	87, 20.338, 332.845
Yxy	70.8190, 0.3208, 0.2995
Android (android.graphics.Color)	4294365421 (0xFFFF6D0ED)
YUV	222.6680, 7.0657, 20.4622
Hunter-Lab	84.1540, 13.6124, -4.3548

Details

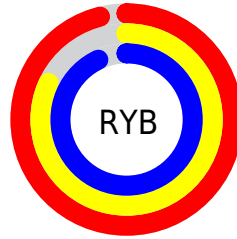
The RYB color **246, 208, 237** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **208, 239, 246**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is 255, 255, 255, and **189, 153, 181** is the 20% darker color. If you saturate the color by 10%, you get **246, 183, 231**, and if you desaturate by 10%, it is **246, 233, 243**.

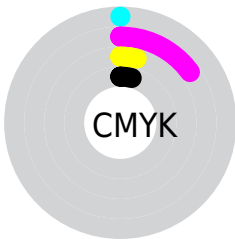
Distribution



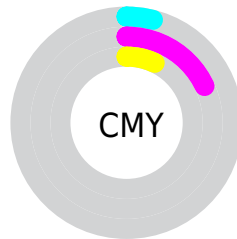
- Red (96%)
- Green (82%)
- Blue (93%)



- Red (96%)
- Yellow (82%)
- Blue (93%)



- Cyan (0%)
- Magenta (15%)
- Yellow (4%)
- Black (4%)



- Cyan (4%)
- Magenta (18%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RYB color 246, 208, 237 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, 208, 237 by changing the saturation by 10% instead.

 246, 208, 237

255, 255, 255


 246, 208, 237

 217, 180, 209

 189, 153, 181

 162, 127, 154

 136, 102, 128

 110, 78, 103

 85, 55, 79


 62, 33, 56

 39, 12, 35

 12, 0, 12

 246, 208, 237

 246, 208, 237

 246, 183, 231


 246, 233, 243

 246, 159, 225


 246, 253, 255


 246, 134, 220


 246, 251, 255


 246, 110, 214

 246, 251, 255

 246, 85, 208

 246, 60, 202

 246, 36, 196

 246, 11, 190

 246, 0, 188

Harmonies

Analogous

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



225, 213, 251



246, 208, 237



255, 206, 218

Triad

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



246, 208, 237



200, 232, 181



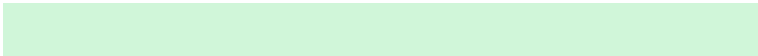
168, 201, 239

Complementary

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



246, 208, 237



208, 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.



173, 204, 230



246, 208, 237



186, 224, 199

Square

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



246, 208, 237



250, 231, 185



189, 220, 229



178, 207, 253

Rectangle

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



246, 208, 237



255, 206, 205



189, 220, 229



168, 200, 233

Sweetspot

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



246, 208, 237



255, 242, 252



217, 208, 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, 208, 237



255, 207, 244



246, 208, 218



122, 110, 120



186, 0, 142



59, 0, 45

Inverse Universe

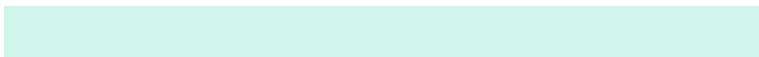
The Inverse Universe completely reimagines the original color for something new.



246, 208, 237



255, 207, 244



208, 230, 246



122, 110, 120



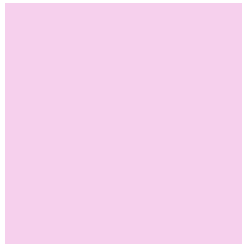
186, 0, 142



59, 0, 45

Previews

White Background



This preview shows how the RYB color 246, 208, 237 looks on a white background.

Color Contrast Check

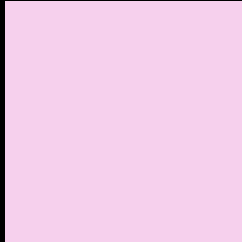
Large Text (above 18pt) WCAG AA × Fail

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, 208, 237 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, 208, 237 Background



This preview shows how black text looks on a background with the RYB color 246, 208, 237.



This preview shows how white text looks on a background with the RYB color 246, 208, 237.

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, 208, 237

Protanopia
216, 218, 243

Deuteranopia
233, 213, 236



Tritanopia
244, 210, 226

Trichromacy



Original Color

246, 208, 237

Protanomaly

227, 214, 241

Deuteranomaly

238, 211, 236

Tritanomaly

245, 209, 230

Monochromacy



Original Color

246, 208, 237

Achromatopsia

223, 223, 223

Achromatomaly

231, 218, 228

CSS Examples

Text

The CSS property to change the color of the text to RYB 246, 208, 237 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, 208, 237) looks like.

```
.text, #text, p{  
    color:rgb(246, 208, 237)  
}
```

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, 208, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 208, 237) }
```

Border

The CSS property to change the border of an element to RYB 246, 208, 237 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, 208, 237) }
```

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

```
.border{ border-color:rgb(246, 208, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 208, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 208, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 208, 237);  
box-shadow:4px 4px 4px 4px rgb(246, 208,  
237) }
```

Background

The CSS property to change the background color of an element to RYB 246, 208, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 208, 237) }
```

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

```
.background{ background-color: rgb(246,  
208, 237) }
```

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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