

Converting Colors

`RYB(246, 215, 233)`

Have a look what the booklet for
RYB(246, 215, 233) contains.

RYB(246, 215, 233)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RYB(246, 215, 233)

Conversions

Conversions Part 1

Format	Color
Hex	F6D7E9
RGB	246, 215, 233
RGB Percent	96%, 84%, 91%
CMY	0.0353, 0.1569, 0.0863
CMYK	0.00, 0.13, 0.05, 0.04
HSL	325°, 63%, 90%
HSV	325°, 13%, 96%
XYZ	77.0145, 74.0769, 87.3300
YIQ	226.3210, 12.6980, 12.1700

Conversions

Conversions Part 2

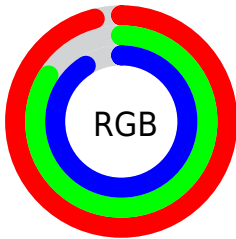
Format	Color
R_{YB}	246, 215, 233
Decimal	16177129
CIE _{Lab}	88.96, 13.73, -4.86
CIE _{LCh}	89, 14.564, 340.511
Yxy	74.0769, 0.3230, 0.3107
Android (android.graphics.Color)	4294367209 (0xFFFF6D7E9)
YUV	226.3210, 3.2927, 17.2585
Hunter-Lab	86.0679, 9.1047, 0.0882

Details

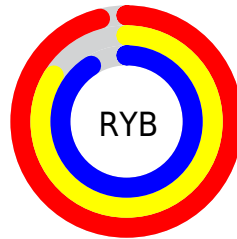
The RYB color **246, 215, 233** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **215, 237, 246**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is **255, 255, 255**, and **190, 160, 177** is the 20% darker color. If you saturate the color by 10%, you get **246, 190, 223**, and if you desaturate by 10%, it is **246, 240, 243**.

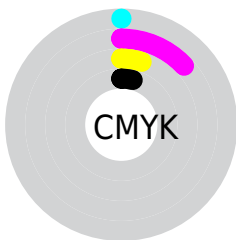
Distribution



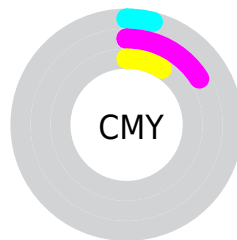
- Red (96%)
- Green (84%)
- Blue (91%)



- Red (96%)
- Yellow (84%)
- Blue (91%)



- Cyan (0%)
- Magenta (13%)
- Yellow (5%)
- Black (4%)



- Cyan (4%)
- Magenta (16%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RYB color 246, 215, 233 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, 215, 233 by changing the saturation by 10% instead.

■ 246, 215, 233

255, 255, 255

■ 246, 215, 233

■ 217, 187, 205

■ 190, 160, 177

■ 162, 134, 151

■ 136, 109, 125

■ 110, 84, 100

■ 86, 61, 76

■ 62, 39, 53

■ 40, 18, 32

■ 18, 0, 8

 246, 215, 233

 246, 215, 233

 246, 190, 223

 246, 240, 243

 246, 166, 212


 246, 251, 255

 246, 141, 202


 246, 251, 255

 246, 117, 192

 246, 92, 181

 246, 67, 171

 246, 43, 161

 246, 18, 150

 246, 0, 143

Harmonies

Analogous

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



232, 218, 245



246, 215, 233



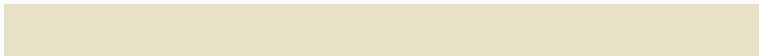
253, 214, 219

Triad

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



246, 215, 233



203, 230, 196



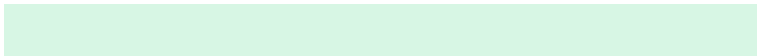
189, 212, 241

Complementary

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



246, 215, 233



215, 237, 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.



190, 212, 232



246, 215, 233



202, 228, 216

Square

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



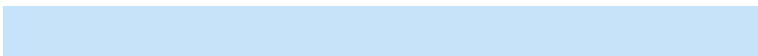
246, 215, 233



243, 237, 198



199, 221, 231



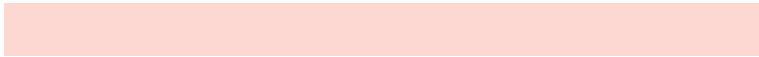
199, 217, 249

Rectangle

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



246, 215, 233



253, 216, 210



199, 221, 231



188, 211, 237

Sweetspot

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



246, 215, 233



255, 245, 251



228, 215, 246



128, 121, 125



0, 0, 0



128, 128, 128

Same Dimension

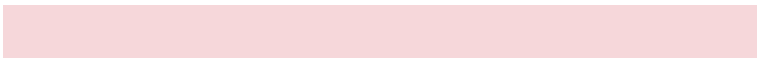
The Same Dimension uses a secret algorithm to generate beautiful new colors.



246, 215, 233



255, 217, 239



246, 215, 218



122, 110, 117



186, 0, 108



59, 0, 34

Inverse Universe

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



246, 215, 233



255, 217, 239



215, 231, 246



122, 110, 117



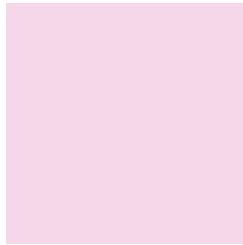
186, 0, 108



59, 0, 34

Previews

White Background



This preview shows how the RYB color 246, 215, 233 looks on a white background.

Color Contrast Check

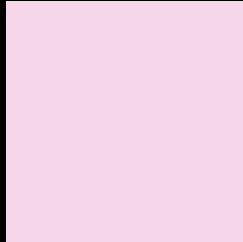
Large Text (above 18pt) WCAG AA × Fail

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, 215, 233 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, 215, 233 Background



This preview shows how black text looks on a background with the RYB color 246, 215, 233.

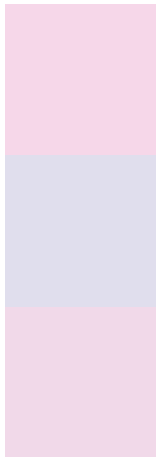


This preview shows how white text looks on a background with the RYB color 246, 215, 233.

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, 215, 233

Protanopia
224, 222, 237

Deuteranopia
241, 217, 233



Tritanopia
246, 215, 232

Trichromacy



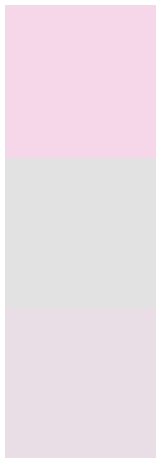
Original Color
246, 215, 233

Protanomaly
232, 219, 236

Deuteranomaly
243, 216, 233

Tritanomaly
246, 215, 232

Monochromacy



Original Color
246, 215, 233

Achromatopsia
226, 226, 226

Achromatomaly
233, 222, 229

CSS Examples

Text

The CSS property to change the color of the text to RYB 246, 215, 233 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, 215, 233) looks like.

```
.text, #text, p{  
    color:rgb(246, 215, 233)  
}
```

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, 215, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 215, 233) }
```

Border

The CSS property to change the border of an element to RYB 246, 215, 233 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, 215, 233) }
```

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

```
.border{ border-color:rgb(246, 215, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 215, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 215, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 215, 233);  
box-shadow:4px 4px 4px 4px rgb(246, 215,  
233) }
```

Background

The CSS property to change the background color of an element to RYB 246, 215, 233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 215, 233) }
```

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

```
.background{ background-color: rgb(246,  
215, 233) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor