

Converting Colors

`RYB(246, 217, 240)`

Have a look what the booklet for RYB(246, 217, 240) contains.

RYB(246, 217, 240)	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

R_YB(246, 217, 240)

Conversions

Conversions Part 1

Format	Color
Hex	F6D9F0
RGB	246, 217, 240
RGB Percent	96%, 85%, 94%
CMY	0.0353, 0.1490, 0.0588
CMYK	0.00, 0.12, 0.02, 0.04
HSL	312°, 62%, 91%
HSV	312°, 12%, 96%
XYZ	78.5471, 75.5098, 92.8730
YIQ	228.2930, 9.9010, 13.3010

Conversions

Conversions Part 2

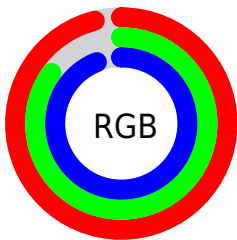
Format	Color
R _Y B	246, 217, 240
Decimal	16177648
CIE Lab	89.63, 13.90, -7.55
CIE LCh	90, 15.821, 331.494
Yxy	75.5098, 0.3181, 0.3058
Android (android.graphics.Color)	4294367728 (0xFFFF6D9F0)
YUV	228.2930, 5.7716, 15.5290
Hunter-Lab	86.8964, 9.2804, -2.5405

Details

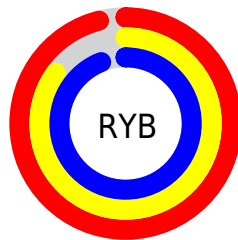
The RYB color **246, 217, 240** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **217, 241, 246**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is **255, 255, 255**, and **190, 162, 184** is the 20% darker color. If you saturate the color by 10%, you get **246, 192, 235**, and if you desaturate by 10%, it is **246, 242, 245**.

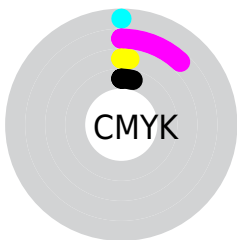
Distribution



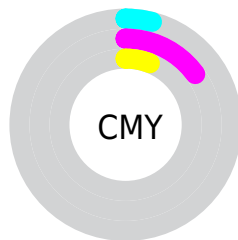
- Red (96%)
- Green (85%)
- Blue (94%)



- Red (96%)
- Yellow (85%)
- Blue (94%)



- Cyan (0%)
- Magenta (12%)
- Yellow (2%)
- Black (4%)



- Cyan (4%)
- Magenta (15%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RYB color 246, 217, 240 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, 217, 240 by changing the saturation by 10% instead.

■ 246, 217, 240

255, 255, 255

■ 246, 217, 240

■ 217, 189, 212

■ 190, 162, 184

■ 162, 136, 157

■ 136, 110, 131

■ 111, 86, 106

■ 86, 63, 82


■ 63, 40, 59

■ 40, 20, 37

■ 21, 0, 16

 246, 217, 240

 246, 217, 240

 246, 192, 235

 246, 242, 245

 246, 168, 230


 246, 252, 255

 246, 143, 225


 246, 251, 255

 246, 119, 220

 246, 94, 215

 246, 69, 209

 246, 45, 204

 246, 20, 199

 246, 0, 195

Harmonies

Analogous

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



229, 221, 251



246, 217, 240



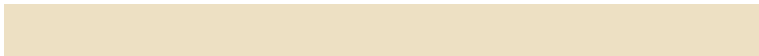
255, 215, 225

Triad

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



246, 217, 240



214, 237, 195



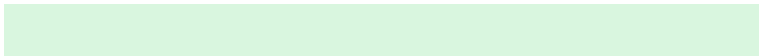
187, 212, 240

Complementary

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



246, 217, 240



217, 241, 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.



191, 215, 234



246, 217, 240



199, 229, 208

Square

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



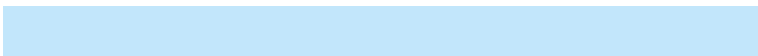
246, 217, 240



250, 235, 199



203, 227, 233



194, 216, 251

Rectangle

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



246, 217, 240



255, 215, 215



203, 227, 233



187, 211, 236

Sweetspot

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



246, 217, 240



255, 245, 253



223, 217, 246



128, 121, 126



0, 0, 0



128, 128, 128

Same Dimension

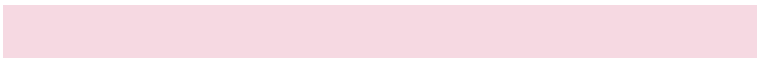
The Same Dimension uses a secret algorithm to generate beautiful new colors.



246, 217, 240



255, 219, 248



246, 217, 226



122, 110, 120



186, 0, 148



59, 0, 47

Inverse Universe

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



246, 217, 240



255, 219, 248



217, 234, 246



122, 110, 120



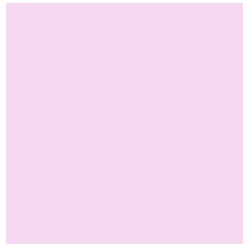
186, 0, 148



59, 0, 47

Previews

White Background



This preview shows how the RYB color 246, 217, 240 looks on a white background.

Color Contrast Check

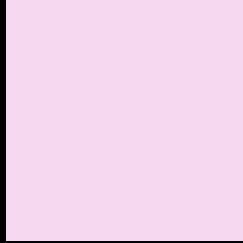
Large Text (above 18pt) WCAG AA × Fail

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, 217, 240 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, 217, 240 Background



This preview shows how black text looks on a background with the RYB color 246, 217, 240.



This preview shows how white text looks on a background with the RYB color 246, 217, 240.

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, 217, 240

Protanopia
224, 224, 244

Deuteranopia
241, 219, 240



Tritanopia
245, 218, 235

Trichromacy



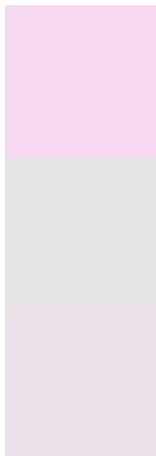
Original Color
246, 217, 240

Protanomaly
232, 221, 243

Deuteranomaly
243, 218, 240

Tritanomaly
245, 218, 237

Monochromacy



Original Color
246, 217, 240

Achromatopsia
228, 228, 228

Achromatomaly
235, 224, 232

CSS Examples

Text

The CSS property to change the color of the text to RYB 246, 217, 240 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, 217, 240) looks like.

```
.text, #text, p{  
    color:rgb(246, 217, 240)  
}
```

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, 217, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 217, 240) }
```

Border

The CSS property to change the border of an element to RYB 246, 217, 240 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, 217, 240) }
```

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

```
.border{ border-color:rgb(246, 217, 240) }
```

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

Here you see how a box with a 4 pixel rgb(246, 217, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 217, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 217, 240);  
box-shadow:4px 4px 4px 4px rgb(246, 217,  
240) }
```

Background

The CSS property to change the background color of an element to RGB 246, 217, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 217, 240) }
```

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

```
.background{ background-color: rgb(246,  
217, 240) }
```

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