

Converting Colors

`RYB(246, 229, 236)`

Have a look what the booklet for RYB(246, 229, 236) contains.

RYB(246, 229, 236)	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, 229, 236)

Conversions

Conversions Part 1

Format	Color
Hex	F6E5EC
RGB	246, 229, 236
RGB Percent	96%, 90%, 93%
CMY	0.0353, 0.1020, 0.0745
CMYK	0.00, 0.07, 0.04, 0.04
HSL	335°, 49%, 93%
HSV	335°, 7%, 96%
XYZ	81.1657, 81.6876, 90.8463
YIQ	234.8810, 7.8850, 5.7810

Conversions

Conversions Part 2

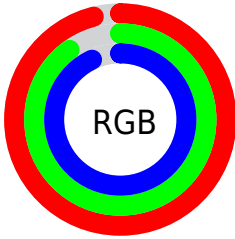
Format	Color
R _Y B	246, 229, 236
Decimal	16180716
CIE Lab	92.44, 6.97, -1.32
CIE LCh	92, 7.092, 349.244
Yxy	81.6876, 0.3199, 0.3220
Android (android.graphics.Color)	4294370796 (0xFF6E5EC)
YUV	234.8810, 0.5517, 9.7514
Hunter-Lab	90.3812, 2.1326, 3.6717

Details

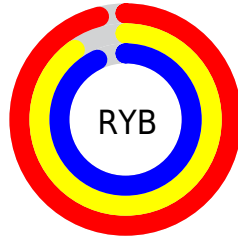
The RYB color **246, 229, 236** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **229, 240, 246**, and the grayscale version is **235, 235, 235**.

A 20% lighter version of the original color is 255, 255, 255, and **190, 174, 180** is the 20% darker color. If you saturate the color by 10%, you get **246, 204, 222**, and if you desaturate by 10%, it is 246, 251, 254.

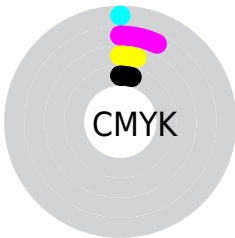
Distribution



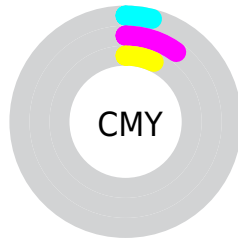
- Red (96%)
- Green (90%)
- Blue (93%)



- Red (96%)
- Yellow (90%)
- Blue (93%)



- Cyan (0%)
- Magenta (7%)
- Yellow (4%)
- Black (4%)



- Cyan (4%)
- Magenta (10%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RYB color 246, 229, 236 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, 229, 236 by changing the saturation by 10% instead.

 246, 229, 236

 246, 229, 236


255, 255, 255


 218, 201, 208

 190, 174, 180


 163, 147, 153

 136, 121, 128

 111, 96, 103

 86, 73, 79

 63, 50, 56

 41, 29, 34


 21, 4, 12

 246, 229, 236

 246, 229, 236


 246, 204, 222

 246, 251, 254

 246, 180, 207


 246, 251, 255


 246, 155, 193

 246, 131, 178

 246, 106, 164

 246, 81, 149

 246, 57, 135

 246, 32, 120

 246, 8, 106

Harmonies

Analogous

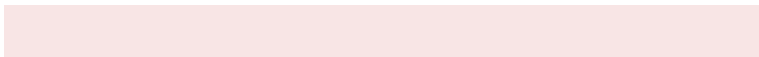
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240, 230, 242



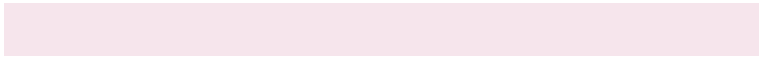
246, 229, 236



248, 229, 229

Triad

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



246, 229, 236



220, 234, 220



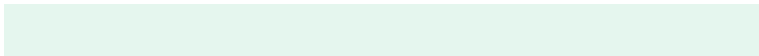
218, 228, 243

Complementary

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



246, 229, 236



229, 240, 246

Split Complementary

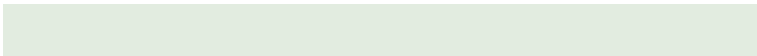
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



217, 227, 237



246, 229, 236



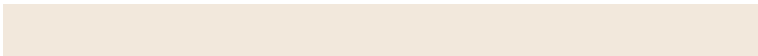
224, 236, 234

Square

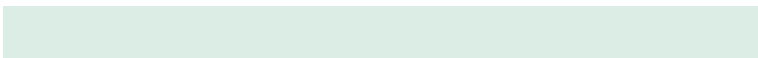
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



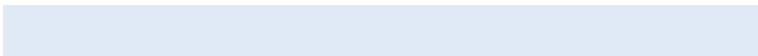
246, 229, 236



238, 242, 220



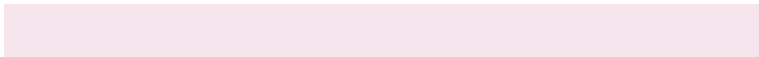
220, 231, 237



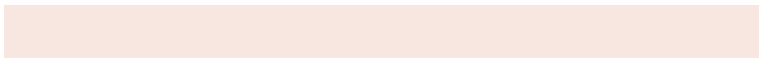
224, 231, 246

Rectangle

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



246, 229, 236



248, 231, 225



220, 231, 237



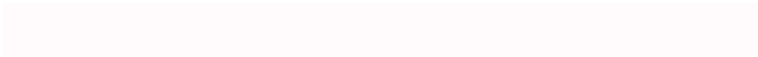
217, 228, 242

Sweetspot

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



246, 229, 236



255, 250, 252



239, 229, 246



128, 125, 126



0, 0, 0



128, 128, 128

Same Dimension

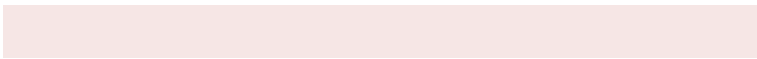
The Same Dimension uses a secret algorithm to generate beautiful new colors.



246, 229, 236



255, 235, 243



246, 230, 229



122, 110, 115



186, 0, 77



59, 0, 24

Inverse Universe

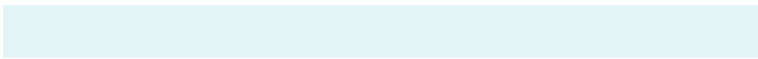
The Inverse Universe completely reimagines the original color for something new.



246, 229, 236



255, 235, 243



229, 237, 246



122, 110, 115



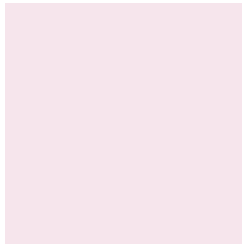
186, 0, 77



59, 0, 24

Previews

White Background



This preview shows how the RYB color 246, 229, 236 looks on a white background.

Color Contrast Check

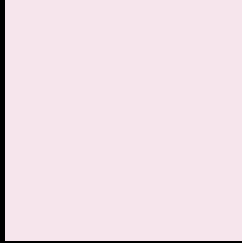
Large Text (above 18pt) WCAG AA × Fail

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, 229, 236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

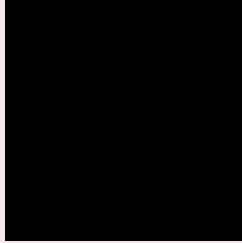
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

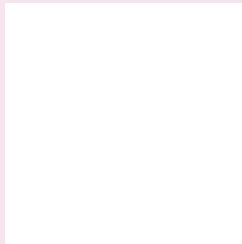
Any Text WCAG AAA ✓ Pass

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

R Y B 246, 229, 236 Background



This preview shows how black text looks on a background with the R Y B color 246, 229, 236.



This preview shows how white text looks on a background with the R Y B color 246, 229, 236.

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

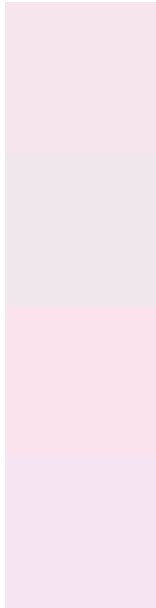
	Original Color 246, 229, 236
	Protanopia 236, 232, 238
	Deuteranopia 254, 226, 237



Tritanopia

247, 228, 245

Trichromacy



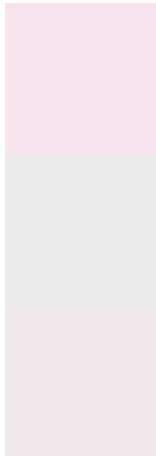
Original Color
246, 229, 236

Protanomaly
240, 231, 237

Deuteranomaly
251, 227, 237

Tritanomaly
247, 228, 242

Monochromacy



Original Color
246, 229, 236

Achromatopsia
235, 235, 235

Achromatomaly
239, 233, 235

CSS Examples

Text

The CSS property to change the color of the text to RYB 246, 229, 236 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, 229, 236) looks like.

```
.text, #text, p{  
    color:rgb(246, 229, 236)  
}
```

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, 229, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 229, 236) }
```

Border

The CSS property to change the border of an element to RYB 246, 229, 236 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, 229, 236) }
```

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

```
.border{ border-color:rgb(246, 229, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 229, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 229, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 229, 236);  
box-shadow:4px 4px 4px 4px rgb(246, 229,  
236) }
```

Background

The CSS property to change the background color of an element to RYB 246, 229, 236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 229, 236) }
```

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

```
.background{ background-color: rgb(246,  
229, 236) }
```

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