

# Converting Colors

`RYB(245, 230, 231)`

Have a look what the booklet for  
RYB(245, 230, 231) contains.

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# Color

**R<sub>Y</sub>B(245, 230, 231)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5E6E7
RGB	245, 230, 231
RGB Percent	96%, 90%, 91%
CMY	0.0392, 0.0980, 0.0941
CMYK	0.00, 0.06, 0.06, 0.04
HSL	356°, 43%, 93%
HSV	356°, 6%, 96%
XYZ	80.3768, 81.7756, 87.1493
YIQ	234.5990, 8.6190, 3.4910

# Conversions

## Conversions Part 2

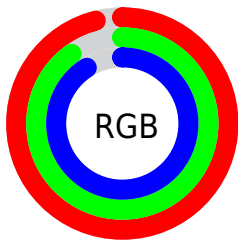
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	245, 230, 231
Decimal	16115431
CIE Lab	92.48, 5.26, 1.33
CIE LCh	92, 5.424, 14.228
Yxy	81.7756, 0.3224, 0.3280
Android (android.graphics.Color)	4294305511 (0xFF5E6E7)
YUV	234.5990, -1.7743, 9.1217
Hunter-Lab	90.4299, 0.4039, 6.1618

# Details

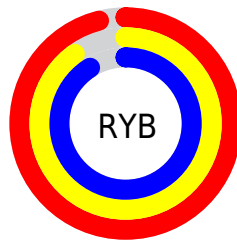
The RYB color **245, 230, 231** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **230, 238, 245**, and the grayscale version is **235, 235, 235**.

A 20% lighter version of the original color is 255, 255, 255, and **189, 175, 175** is the 20% darker color. If you saturate the color by 10%, you get **245, 206, 208**, and if you desaturate by 10%, it is 245, 250, 255.

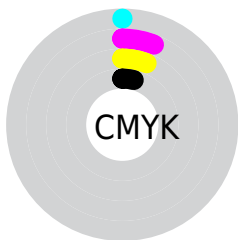
# Distribution



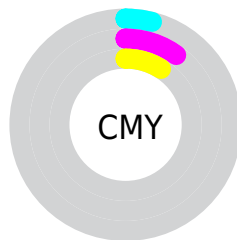
- Red (96%)
- Green (90%)
- Blue (91%)



- Red (96%)
- Yellow (90%)
- Blue (91%)



- Cyan (0%)
- Magenta (6%)
- Yellow (6%)
- Black (4%)



- Cyan (4%)
- Magenta (10%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 245, 230, 231 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 245, 230, 231 by changing the saturation by 10% instead.




 245, 230, 231


 245, 230, 231

255, 255, 255

 217, 202, 203

 189, 175, 175

 162, 148, 149

 135, 122, 123

 110, 97, 98

 86, 74, 74

 62, 51, 52

 40, 30, 31

 21, 5, 6

 245, 230, 231

 245, 230, 231

 245, 206, 208


 245, 250, 255

 245, 181, 185

 245, 250, 255

 245, 157, 162

 245, 132, 140

 245, 108, 117

 245, 83, 94

 245, 59, 71

 245, 34, 48

 245, 10, 25

# Harmonies

## Analogous

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



243, 230, 236



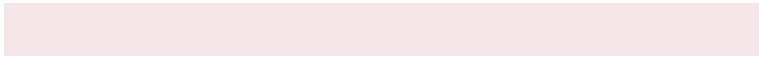
245, 230, 231



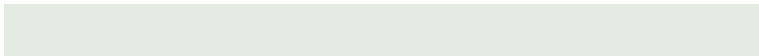
244, 233, 226

# Triad

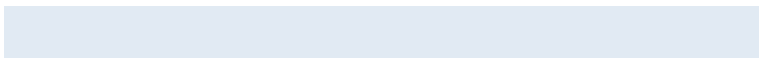
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



245, 230, 231



226, 235, 232



225, 231, 243

# Complementary

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



245, 230, 231



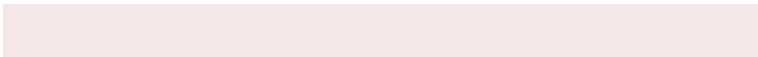
230, 238, 245

# Split Complementary

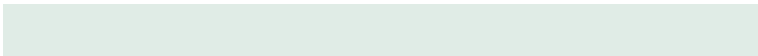
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



222, 230, 240



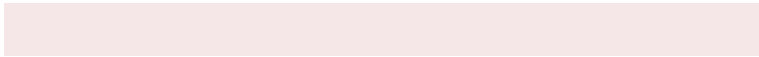
245, 230, 231



224, 232, 236

# Square

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



245, 230, 231



224, 235, 223



221, 229, 237



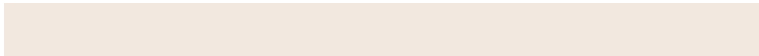
231, 233, 243

# Rectangle

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



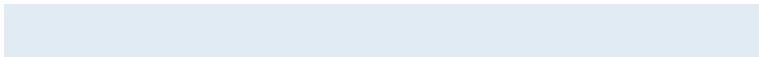
245, 230, 231



242, 238, 224



221, 229, 237



224, 231, 243



# Sweetspot

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



245, 230, 231



255, 250, 250



244, 230, 245



128, 125, 125



0, 0, 0



128, 128, 128

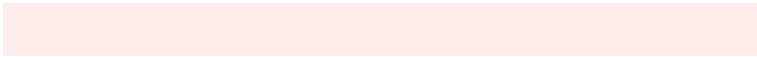


# Same Dimension

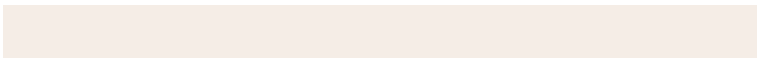
The Same Dimension uses a secret algorithm to generate beautiful new colors.



245, 230, 231



255, 237, 238



245, 243, 230



122, 113, 113



186, 0, 12



59, 0, 4



# Inverse Universe

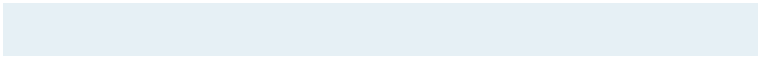
The Inverse Universe completely reimagines the original color for something new.



245, 230, 231



255, 237, 238



230, 236, 245



122, 113, 113



186, 0, 12

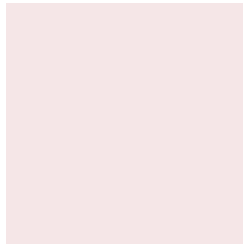


59, 0, 4



# Previews

## White Background



This preview shows how the RYB color 245, 230, 231 looks on a white background.

## Color Contrast Check

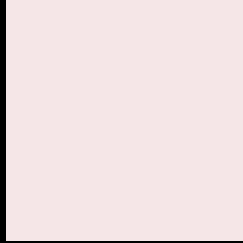
Large Text (above 18pt) WCAG AA × Fail

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 245, 230, 231 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

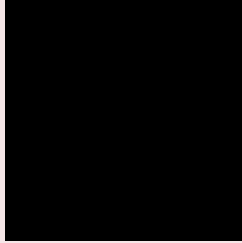
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

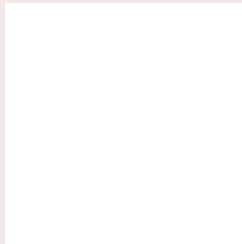
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RYB 245, 230, 231 Background



This preview shows how black text looks on a background with the RYB color 245, 230, 231.

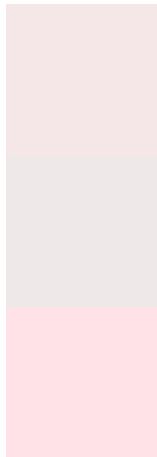


This preview shows how white text looks on a background with the RYB color 245, 230, 231.

# 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**  
245, 230, 231

**Protanopia**  
238, 232, 232

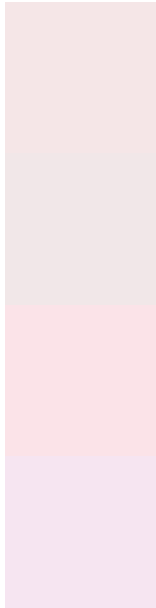
**Deuteranopia**  
255, 226, 232



# Tritanopia

247, 228, 246

# Trichromacy



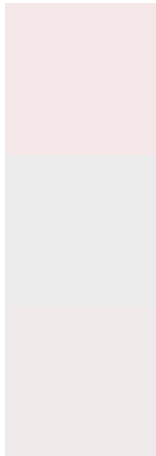
**Original Color**  
245, 230, 231

**Protanomaly**  
241, 231, 232

**Deuteranomaly**  
251, 227, 232

**Tritanomaly**  
246, 229, 241

# Monochromacy



**Original Color**  
245, 230, 231

**Achromatopsia**  
235, 235, 235

**Achromatomaly**  
239, 233, 234

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 245, 230, 231 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(245, 230, 231) looks like.

```
.text, #text, p{  
    color:rgb(245, 230, 231)  
}
```

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(245, 230, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 230, 231) }
```

## Border

The CSS property to change the border of an element to RYB 245, 230, 231 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(245, 230, 231) }
```

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

```
.border{ border-color:rgb(245, 230, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 230, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 230, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 230, 231);  
box-shadow:4px 4px 4px 4px rgb(245, 230,  
231) }
```

# Background

The CSS property to change the background color of an element to RYB 245, 230, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 230, 231) }
```

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

```
.background{ background-color: rgb(245,  
230, 231) }
```

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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