

Converting Colors

`RYB(245, 230, 248)`

Have a look what the booklet for RYB(245, 230, 248) contains.

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Color

R_YB(245, 230, 248)

Conversions

Conversions Part 1

Format	Color
Hex	F5E6F8
RGB	245, 230, 248
RGB Percent	96%, 90%, 97%
CMY	0.0392, 0.0980, 0.0275
CMYK	0.01, 0.07, 0.00, 0.03
HSL	290°, 56%, 94%
HSV	290°, 7%, 97%
XYZ	82.8963, 82.7834, 100.4166
YIQ	236.5370, 3.1620, 8.7780

Conversions

Conversions Part 2

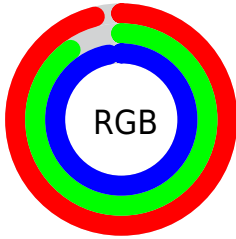
Format	Color
R _Y B	245, 230, 248
Decimal	16115448
CIE Lab	92.92, 8.23, -6.88
CIE LCh	93, 10.732, 320.106
Yxy	82.7834, 0.3115, 0.3111
Android (android.graphics.Color)	4294305528 (0xFF5E6F8)
YUV	236.5370, 5.6513, 7.4221
Hunter-Lab	90.9854, 3.4059, -1.7460

Details

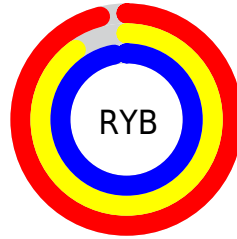
The RYB color **245, 230, 248** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **230, 248, 245**, and the grayscale version is **236, 236, 236**.

A 20% lighter version of the original color is **255, 255, 255**, and **189, 175, 192** is the 20% darker color. If you saturate the color by 10%, you get **241, 205, 248**, and if you desaturate by 10%, it is **248, 255, 254**.

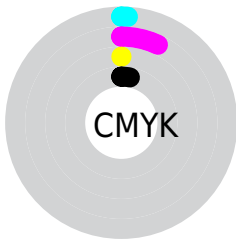
Distribution



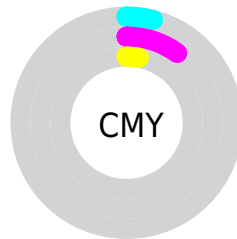
- Red (96%)
- Green (90%)
- Blue (97%)



- Red (96%)
- Yellow (90%)
- Blue (97%)



- Cyan (1%)
- Magenta (7%)
- Yellow (0%)
- Black (3%)



- Cyan (4%)
- Magenta (10%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RYB color 245, 230, 248 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, 248 by changing the saturation by 10% instead.

 245, 230, 248

255, 255, 255

 245, 230, 248

 217, 202, 219

 189, 175, 192

 162, 148, 165

 135, 122, 138

 110, 97, 113

 86, 73, 88


 62, 51, 65

 40, 30, 43

 21, 5, 23

 245, 230, 248

 245, 230, 248

 241, 205, 248


 248, 255, 254


 237, 180, 248

 248, 255, 250

 233, 156, 248

 248, 255, 248

 228, 131, 248

 224, 106, 248

 220, 81, 248

 216, 56, 248

 212, 32, 248

 208, 7, 248

Harmonies

Analogous

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



233, 233, 254



245, 230, 248



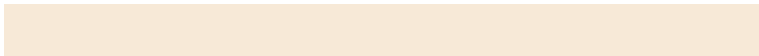
254, 228, 239

Triad

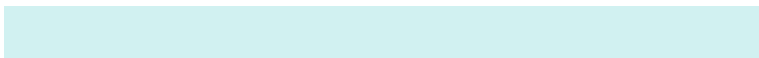
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



245, 230, 248



240, 247, 215



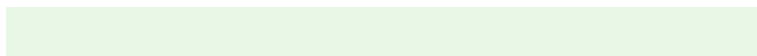
209, 225, 241

Complementary

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



245, 230, 248



230, 248, 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.



214, 231, 241



245, 230, 248



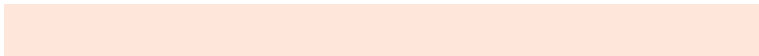
215, 236, 215

Square

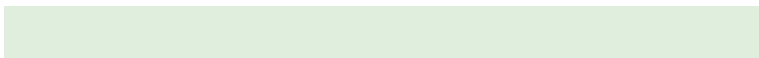
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



245, 230, 248



255, 235, 219



221, 239, 236



212, 228, 250

Rectangle

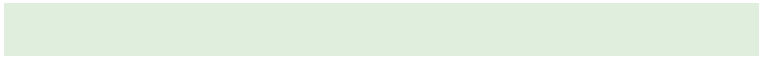
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



245, 230, 248



255, 228, 231



221, 239, 236



210, 226, 241

Sweetspot

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



245, 230, 248



254, 250, 255



230, 233, 248



127, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



245, 230, 248



251, 232, 255



248, 230, 242



123, 112, 125



157, 0, 189



51, 0, 61

Inverse Universe

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



248, 230, 233



255, 232, 236



230, 244, 248



125, 112, 115



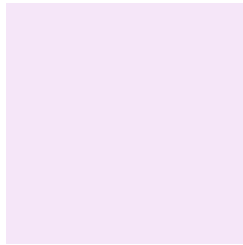
189, 0, 31



61, 0, 10

Previews

White Background



This preview shows how the RYB color 245, 230, 248 looks on a white background.

Color Contrast Check

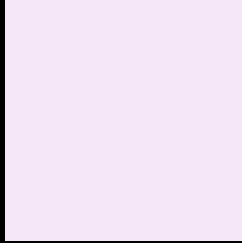
Large Text (above 18pt) WCAG AA × Fail

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, 248 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

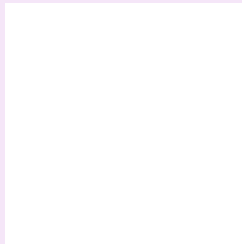
Any Text WCAG AAA ✓ Pass

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

RYB 245, 230, 248 Background



This preview shows how black text looks on a background with the RYB color 245, 230, 248.



This preview shows how white text looks on a background with the RYB color 245, 230, 248.

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, 248

Protanopia
234, 233, 250

Deuteranopia
251, 228, 248



Tritanopia

245, 230, 248

Trichromacy



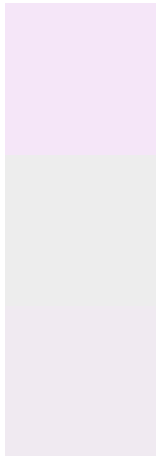
Original Color
245, 230, 248

Protanomaly
238, 232, 249

Deuteranomaly
249, 229, 248

Tritanomaly
245, 230, 248

Monochromacy



Original Color
245, 230, 248

Achromatopsia
237, 237, 237

Achromatomaly
240, 234, 241

CSS Examples

Text

The CSS property to change the color of the text to RYB 245, 230, 248 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, 248) looks like.

```
.text, #text, p{  
    color:rgb(245, 230, 248)  
}
```

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, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 230, 248) }
```

Border

The CSS property to change the border of an element to RYB 245, 230, 248 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, 248) }
```

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

```
.border{ border-color:rgb(245, 230, 248) }
```

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, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 230, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 230, 248); box-shadow:4px 4px 4px 4px rgb(245, 230, 248) }
```

Background

The CSS property to change the background color of an element to RYB 245, 230, 248 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, 248) }
```

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

```
.background{ background-color: rgb(245,  
230, 248) }
```

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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