

Converting Colors

`RYB(245, 218, 233)`

Have a look what the booklet for RYB(245, 218, 233) contains.

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Color

R_YB(245, 218, 233)

Conversions

Conversions Part 1

Format	Color
Hex	F5DAE9
RGB	245, 218, 233
RGB Percent	96%, 85%, 91%
CMY	0.0392, 0.1451, 0.0863
CMYK	0.00, 0.11, 0.05, 0.04
HSL	327°, 57%, 91%
HSV	327°, 11%, 96%
XYZ	77.4356, 75.4385, 87.5706
YIQ	227.7830, 11.2770, 10.3890

Conversions

Conversions Part 2

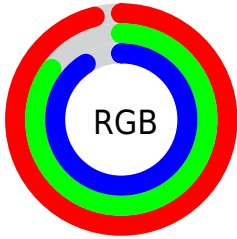
Format	Color
R _Y B	245, 218, 233
Decimal	16112361
CIE Lab	89.60, 11.82, -3.93
CIE LCh	90, 12.458, 341.624
Yxy	75.4385, 0.3221, 0.3137
Android (android.graphics.Color)	4294302441 (0xFFF5DAE9)
YUV	227.7830, 2.5720, 15.0993
Hunter-Lab	86.8553, 7.1443, 1.0205

Details

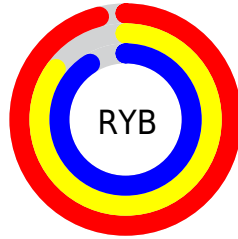
The RYB color **245, 218, 233** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **218, 237, 245**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is **255, 255, 255**, and **189, 163, 177** is the 20% darker color. If you saturate the color by 10%, you get **245, 194, 222**, and if you desaturate by 10%, it is **245, 243, 244**.

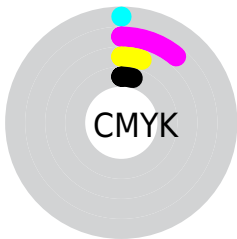
Distribution



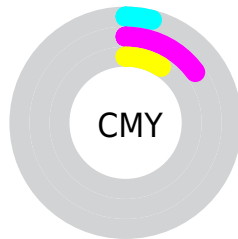
- Red (96%)
- Green (85%)
- Blue (91%)



- Red (96%)
- Yellow (85%)
- Blue (91%)



- Cyan (0%)
- Magenta (11%)
- Yellow (5%)
- Black (4%)



- Cyan (4%)
- Magenta (15%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RYB color 245, 218, 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 245, 218, 233 by changing the saturation by 10% instead.

245, 218, 233

255, 255, 255

245, 218, 233

216, 190, 205

189, 163, 177

162, 137, 151

135, 111, 125

110, 87, 100

85, 63, 76

62, 41, 53

40, 21, 32

20, 0, 8

 245, 218, 233

 245, 218, 233

 245, 194, 222


 245, 243, 244


 245, 169, 211

 245, 250, 255

 245, 145, 200

 245, 120, 189

 245, 95, 179

 245, 71, 168

 245, 46, 157

 245, 22, 146

 245, 0, 136

Harmonies

Analogous

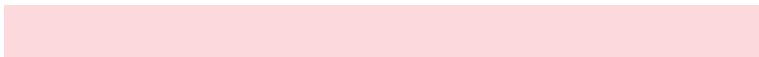
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



233, 221, 243



245, 218, 233



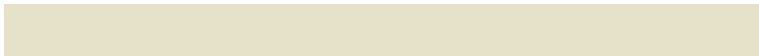
251, 217, 221

Triad

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



245, 218, 233



207, 230, 202



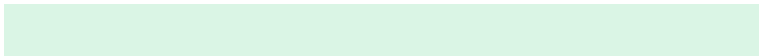
197, 216, 241

Complementary

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



245, 218, 233



218, 237, 245

Split Complementary

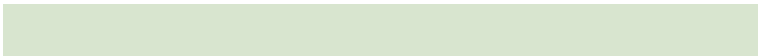
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



197, 215, 232



245, 218, 233



207, 229, 220

Square

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



245, 218, 233



242, 240, 203



204, 223, 232



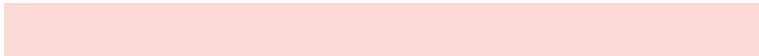
205, 220, 247

Rectangle

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



245, 218, 233



251, 219, 213



204, 223, 232



196, 215, 237

Sweetspot

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



245, 218, 233



255, 247, 252



230, 218, 245



128, 122, 125



0, 0, 0



128, 128, 128

Same Dimension

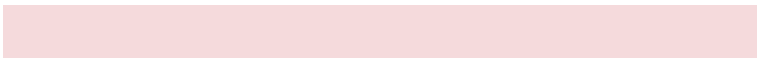
The Same Dimension uses a secret algorithm to generate beautiful new colors.



245, 218, 233



255, 222, 240



245, 218, 220



122, 110, 117



186, 0, 103



59, 0, 33

Inverse Universe

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



245, 218, 233



255, 222, 240



218, 232, 245



122, 110, 117



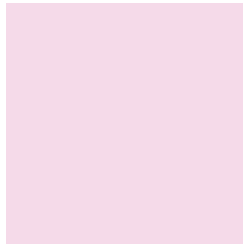
186, 0, 103



59, 0, 33

Previews

White Background



This preview shows how the RYB color 245, 218, 233 looks on a white background.

Color Contrast Check

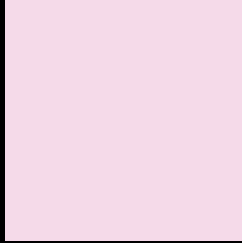
Large Text (above 18pt) WCAG AA × Fail

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 245, 218, 233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

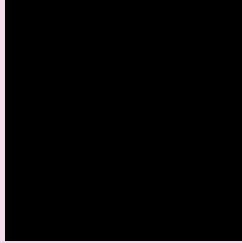
Any Text WCAG AA ✓ Pass

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 245, 218, 233 Background



This preview shows how black text looks on a background with the RYB color 245, 218, 233.

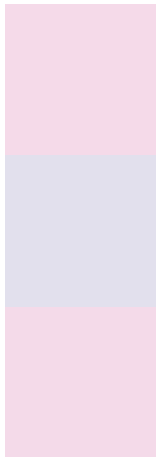


This preview shows how white text looks on a background with the RYB color 245, 218, 233.

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
245, 218, 233

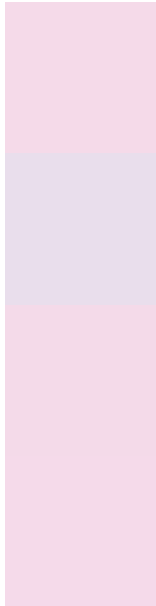
Protanopia
226, 224, 237

Deuteranopia
244, 218, 233



Tritanopia
245, 218, 235

Trichromacy



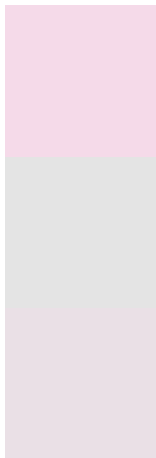
Original Color
245, 218, 233

Protanomaly
233, 222, 236

Deuteranomaly
244, 218, 233

Tritanomaly
245, 218, 234

Monochromacy



Original Color
245, 218, 233

Achromatopsia
228, 228, 228

Achromatomaly
234, 224, 230

CSS Examples

Text

The CSS property to change the color of the text to RYB 245, 218, 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(245, 218, 233) looks like.

```
.text, #text, p{  
    color:rgb(245, 218, 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(245, 218, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 218, 233) }
```

Border

The CSS property to change the border of an element to RYB 245, 218, 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(245, 218, 233) }
```

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

```
.border{ border-color:rgb(245, 218, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 218, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 218, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 218, 233);  
box-shadow:4px 4px 4px 4px rgb(245, 218,  
233) }
```

Background

The CSS property to change the background color of an element to RYB 245, 218, 233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 218, 233) }
```

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

```
.background{ background-color: rgb(245,  
218, 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](#).

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