

# Converting Colors

`RYB(245, 215, 218)`

Have a look what the booklet for  
RYB(245, 215, 218) contains.

<b>RYB(245, 215, 218)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**$\text{RYB}(245, 215, 218)$**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F5D7DA
RGB	245, 215, 218
RGB Percent	96%, 84%, 85%
CMY	0.0392, 0.1569, 0.1451
CMYK	0.00, 0.12, 0.11, 0.04
HSL	354°, 60%, 90%
HSV	354°, 12%, 96%
XYZ	74.6115, 73.0753, 76.5022
YIQ	224.3120, 16.9170, 7.2930

# Conversions

## Conversions Part 2

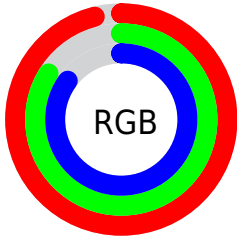
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	245, 215, 218
Decimal	16111578
CIE <sub>Lab</sub>	88.48, 10.88, 2.34
CIE <sub>LCh</sub>	88, 11.128, 12.155
Yxy	73.0753, 0.3328, 0.3260
Android (android.graphics.Color)	4294301658 (0xFFFF5D7DA)
YUV	224.3120, -3.1118, 18.1434
Hunter-Lab	85.4841, 6.1997, 6.7786

# Details

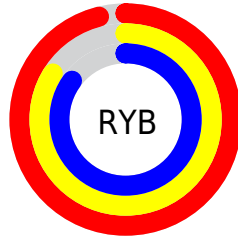
The RYB color **245, 215, 218** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **215, 231, 245**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is **255, 255, 255**, and **189, 160, 163** is the 20% darker color. If you saturate the color by 10%, you get **245, 191, 196**, and if you desaturate by 10%, it is **245, 240, 240**.

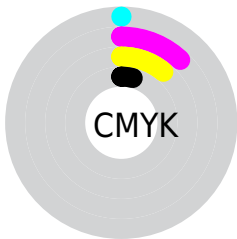
# Distribution



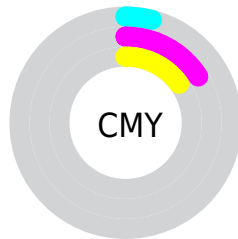
- Red (96%)
- Green (84%)
- Blue (85%)



- Red (96%)
- Yellow (84%)
- Blue (85%)



- Cyan (0%)
- Magenta (12%)
- Yellow (11%)
- Black (4%)



- Cyan (4%)
- Magenta (16%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 245, 215, 218 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, 215, 218 by changing the saturation by 10% instead.




 245, 215, 218

255, 255, 255

 245, 215, 218

 216, 187, 190


 189, 160, 163

 161, 134, 137

 135, 109, 112

 109, 84, 87

 85, 61, 64

 61, 39, 42

 39, 19, 22


 11, 0, 0

 245, 215, 218

 245, 215, 218


 245, 191, 196

 245, 240, 240

 245, 166, 174

 245, 250, 255

 245, 142, 152

 245, 117, 130

 245, 93, 108

 245, 68, 86

 245, 44, 64

 245, 19, 42

 245, 0, 25

# Harmonies

## Analogous

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



240, 216, 229



245, 215, 218



244, 218, 208

# Triad

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



245, 215, 218



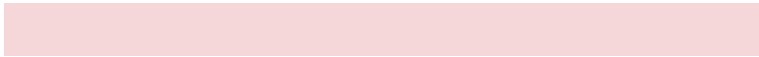
206, 226, 218



204, 218, 242

# Complementary

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



245, 215, 218



215, 231, 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, 214, 236



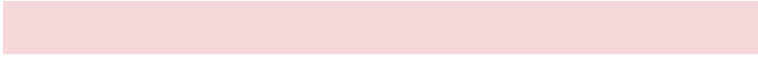
245, 215, 218



203, 220, 228

# Square

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



245, 215, 218



204, 226, 201



197, 214, 229



216, 220, 243

# Rectangle

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



245, 215, 218



240, 227, 204



197, 214, 229



201, 216, 240



# Sweetspot

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



245, 215, 218



255, 245, 246



242, 215, 245



128, 121, 122



0, 0, 0



128, 128, 128



# Same Dimension

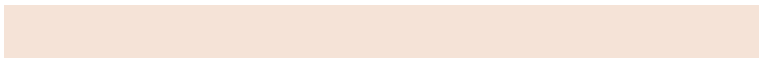
The Same Dimension uses a secret algorithm to generate beautiful new colors.



245, 215, 218



255, 217, 221



245, 235, 215



122, 110, 111



186, 0, 19



59, 0, 6



# Inverse Universe

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



245, 215, 218



255, 217, 221



215, 226, 245



122, 110, 111



186, 0, 19

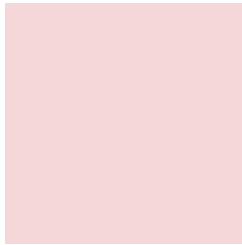


59, 0, 6



# Previews

## White Background



This preview shows how the RYB color 245, 215, 218 looks on a white background.

## Color Contrast Check

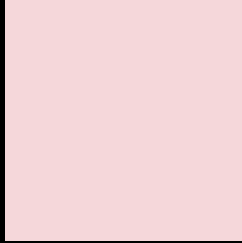
Large Text (above 18pt) WCAG AA × Fail

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, 215, 218 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

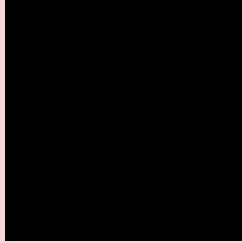
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

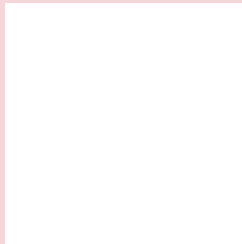
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## **RYB 245, 215, 218 Background**



This preview shows how black text looks on a background with the RYB color 245, 215, 218.



This preview shows how white text looks on a background with the RYB color 245, 215, 218.

# 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





**Tritanopia**  
247, 213, 230

# Trichromacy



**Original Color**

245, 215, 218

**Protanomaly**

233, 219, 220

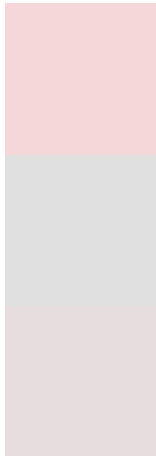
**Deuteranomaly**

245, 215, 218

**Tritanomaly**

246, 214, 226

# Monochromacy



**Original Color**

245, 215, 218

**Achromatopsia**

224, 224, 224

**Achromatomaly**

232, 221, 222

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 245, 215, 218 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, 215, 218) looks like.

```
.text, #text, p{  
    color:rgb(245, 215, 218)  
}
```

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, 215, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 215, 218) }
```

## Border

The CSS property to change the border of an element to RYB 245, 215, 218 is called "border". The border property can be set on classes, ids or directly on the HTML element.

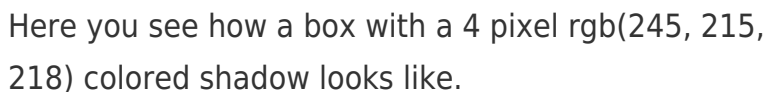
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(245, 215, 218) }
```

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

```
.border{ border-color:rgb(245, 215, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(245, 215, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 215, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 215, 218);  
box-shadow:4px 4px 4px 4px rgb(245, 215,  
218) }
```

# Background

The CSS property to change the background color of an element to RGB 245, 215, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 215, 218) }
```

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

```
.background{ background-color: rgb(245,  
215, 218) }
```

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