

# Converting Colors

`RYB(252, 215, 228)`

Have a look what the booklet for  
RYB(252, 215, 228) contains.

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# Color

**R<sub>Y</sub>B(252, 215, 228)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FCD7E4
RGB	252, 215, 228
RGB Percent	99%, 84%, 89%
CMY	0.0118, 0.1569, 0.1059
CMYK	0.00, 0.15, 0.10, 0.01
HSL	339°, 86%, 92%
HSV	339°, 15%, 99%
XYZ	78.4489, 74.8978, 83.7208
YIQ	227.5450, 17.8790, 11.8870

# Conversions

## Conversions Part 2

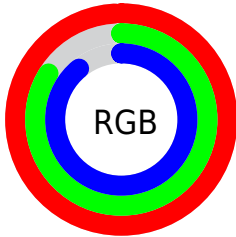
Format	Color
R <sub>Y</sub> B	252, 215, 228
Decimal	16570340
CIE Lab	89.35, 14.94, -1.60
CIE LCh	89, 15.026, 353.900
Yxy	74.8978, 0.3309, 0.3159
Android (android.graphics.Color)	4294760420 (0xFFFC7E4)
YUV	227.5450, 0.2243, 21.4470
Hunter-Lab	86.5435, 10.3534, 3.2242

# Details

The RYB color **252, 215, 228** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **215, 237, 252**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is 255, 255, 255, and **195, 160, 173** is the 20% darker color. If you saturate the color by 10%, you get **252, 190, 212**, and if you desaturate by 10%, it is **252, 240, 244**.

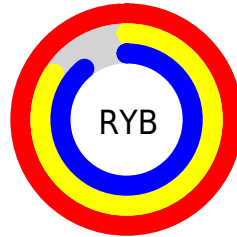
# Distribution



Red (99%)

Green (84%)

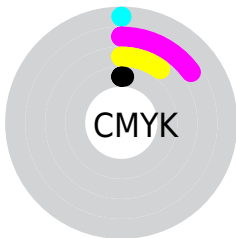
Blue (89%)



Red (99%)

Yellow (84%)

Blue (89%)

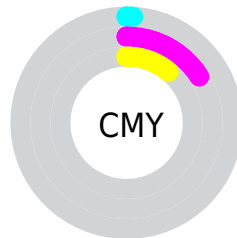


Cyan (0%)

Magenta (15%)

Yellow (10%)

Black (1%)



Cyan (1%)

Magenta (16%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 252, 215, 228 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 252, 215, 228 by changing the saturation by 10% instead.



 252, 215, 228


255, 255, 255

 252, 215, 228


 223, 187, 200

 195, 160, 173


 168, 134, 146

 141, 109, 120

 115, 84, 96

 90, 61, 72

 66, 39, 50

 44, 18, 29

 24, 0, 2

252, 215, 228

252, 215, 228

252, 190, 212

252, 240, 244

252, 165, 195

252, 254, 255

252, 139, 179

252, 114, 163

252, 89, 146

252, 64, 130

252, 39, 114

252, 13, 97

252, 0, 89

# Harmonies

## Analogous

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



241, 217, 242



252, 215, 228



255, 215, 213

# Triad

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



252, 215, 228



198, 227, 201



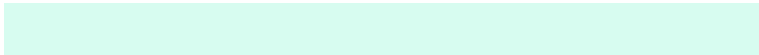
192, 215, 247

# Complementary

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



252, 215, 228



215, 237, 252

# 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.



188, 211, 236



252, 215, 228



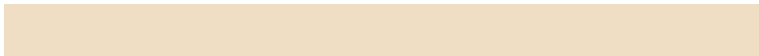
207, 231, 231

# Square

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



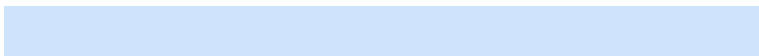
252, 215, 228



224, 239, 196



194, 217, 233



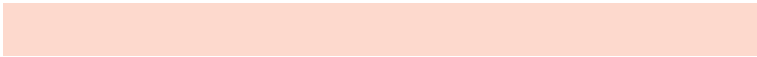
206, 221, 253

# Rectangle

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



252, 215, 228



253, 221, 205



194, 217, 233



190, 214, 244



# Sweetspot

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



252, 215, 228



255, 245, 248



238, 215, 252



128, 121, 123



0, 0, 0



128, 128, 128



# Same Dimension

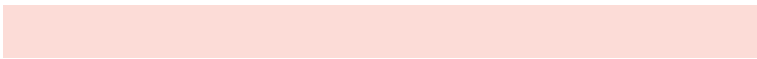
The Same Dimension uses a secret algorithm to generate beautiful new colors.



252, 215, 228



255, 209, 225



252, 221, 215



125, 112, 117



189, 0, 66



61, 0, 22



# Inverse Universe

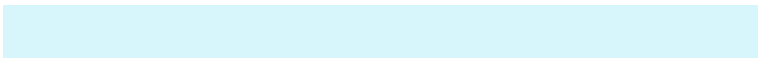
The Inverse Universe completely reimagines the original color for something new.



252, 215, 228



255, 209, 225



215, 232, 252



125, 112, 117



189, 0, 66

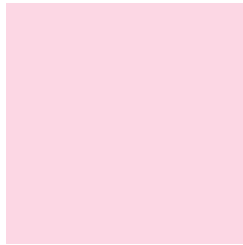


61, 0, 22



# Previews

## White Background



This preview shows how the RYB color 252, 215, 228 looks on a white background.

## Color Contrast Check

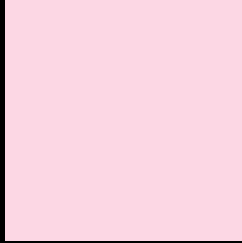
Large Text (above 18pt) WCAG AA × Fail

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 252, 215, 228 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 252, 215, 228 Background



This preview shows how black text looks on a background with the RYB color 252, 215, 228.

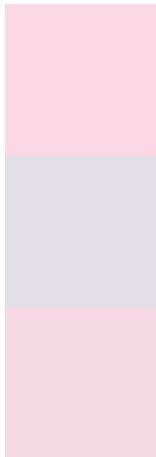


This preview shows how white text looks on a background with the RYB color 252, 215, 228.

# 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**  
252, 215, 228

**Protanopia**  
226, 223, 233

**Deuteranopia**  
245, 218, 227



**Tritanopia**  
252, 214, 231

# Trichromacy



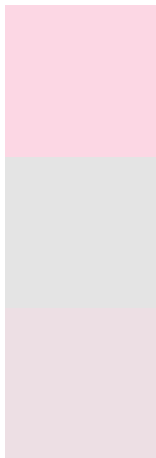
**Original Color**  
252, 215, 228

**Protanomaly**  
235, 220, 231

**Deuteranomaly**  
248, 217, 227

**Tritanomaly**  
252, 214, 230

# Monochromacy



**Original Color**  
252, 215, 228

**Achromatopsia**  
228, 228, 228

**Achromatomaly**  
237, 223, 228

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 252, 215, 228 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(252, 215, 228) looks like.

```
.text, #text, p{  
    color:rgb(252, 215, 228)  
}
```

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(252, 215, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 215, 228) }
```

## Border

The CSS property to change the border of an element to RYB 252, 215, 228 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(252, 215, 228) }
```

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

```
.border{ border-color:rgb(252, 215, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 215, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 215, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 215, 228);  
box-shadow:4px 4px 4px 4px rgb(252, 215,  
228) }
```

# Background

The CSS property to change the background color of an element to RYB 252, 215, 228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 215, 228) }
```

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

```
.background{ background-color: rgb(252,  
215, 228) }
```

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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