

Converting Colors

`RYB(252, 186, 229)`

Have a look what the booklet for
RYB(252, 186, 229) contains.

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Color

R_YB(252, 186, 229)

Conversions

Conversions Part 1

Format	Color
Hex	FCBAE5
RGB	252, 186, 229
RGB Percent	99%, 73%, 90%
CMY	0.0118, 0.2706, 0.1020
CMYK	0.00, 0.26, 0.09, 0.01
HSL	321°, 92%, 86%
HSV	321°, 26%, 99%
XYZ	71.8466, 61.4704, 82.2070
YIQ	210.6360, 25.5330, 27.3650

Conversions

Conversions Part 2

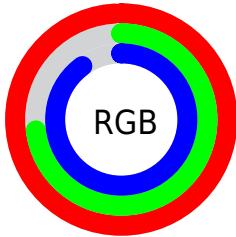
Format	Color
R _Y B	252, 186, 229
Decimal	16562917
CIE Lab	82.63, 30.34, -12.06
CIE LCh	83, 32.646, 338.317
Yxy	61.4704, 0.3334, 0.2852
Android (android.graphics.Color)	4294752997 (0xFFFCBAE5)
YUV	210.6360, 9.0535, 36.2762
Hunter-Lab	78.4031, 26.3677, -7.2845

Details

The RYB color **252, 186, 229** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **186, 235, 252**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **255, 243, 255**, and **195, 132, 174** is the 20% darker color. If you saturate the color by 10%, you get **252, 161, 220**, and if you desaturate by 10%, it is **252, 211, 238**.

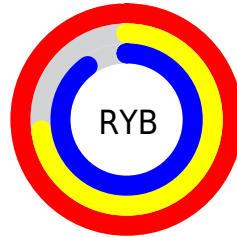
Distribution



Red (99%)

Green (73%)

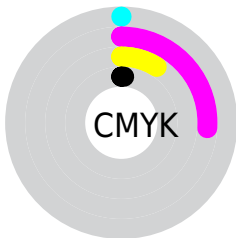
Blue (90%)



Red (99%)

Yellow (73%)

Blue (90%)

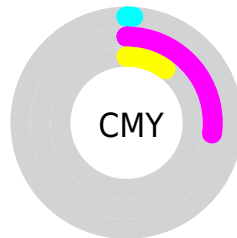


Cyan (0%)

Magenta (26%)

Yellow (9%)

Black (1%)



Cyan (1%)


Magenta (27%)

Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the RYB color 252, 186, 229 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, 186, 229 by changing the saturation by 10% instead.

 252, 186, 229

255, 255, 255

 255, 243, 255

 252, 186, 229

 223, 159, 201

 195, 132, 174

 167, 106, 147

 140, 81, 121

 114, 57, 96

 88, 34, 73

 64, 9, 50

 42, 0, 29

 0, 0, 0

■ 252, 186, 229

■ 252, 186, 229

■ 252, 161, 220

■ 252, 211, 238

■ 252, 136, 211

■ 252, 236, 247

■ 252, 110, 203

■ 252, 254, 255

■ 252, 85, 194

■ 252, 60, 185

■ 252, 35, 176

■ 252, 10, 168

■ 252, 0, 164

Harmonies

Analogous

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



221, 195, 254



252, 186, 229



255, 183, 198

Triad

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



252, 186, 229



161, 219, 145



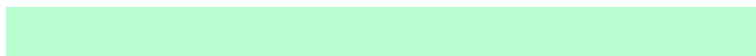
111, 171, 243

Complementary

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



252, 186, 229



186, 235, 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.



120, 174, 223



252, 186, 229



157, 215, 187

Square

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



252, 186, 229



247, 239, 149



150, 199, 221



136, 183, 255

Rectangle

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



252, 186, 229



255, 186, 178



150, 199, 221



110, 169, 234

Sweetspot

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



252, 186, 229



255, 235, 248



208, 186, 252



128, 115, 123



0, 0, 0



128, 128, 128

Same Dimension

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



252, 186, 229



255, 176, 227



252, 186, 197



125, 112, 121



189, 0, 123



61, 0, 40

Inverse Universe

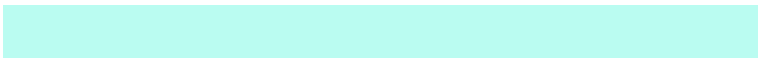
The Inverse Universe completely reimagines the original color for something new.



252, 186, 229



255, 176, 227



186, 222, 252



125, 112, 121



189, 0, 123



61, 0, 40

Previews

White Background



This preview shows how the RYB color 252, 186, 229 looks on a white background.

Color Contrast Check

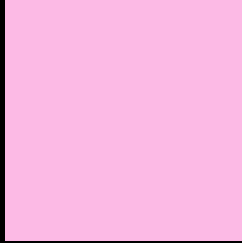
Large Text (above 18pt) WCAG AA × Fail

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, 186, 229 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, 186, 229 Background



This preview shows how black text looks on a background with the RYB color 252, 186, 229.



This preview shows how white text looks on a background with the RYB color 252, 186, 229.

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, 186, 229

Protanopia
199, 203, 241

Deuteranopia
217, 200, 226



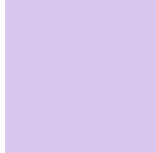
Tritanopia
249, 190, 205

Trichromacy



Original Color

252, 186, 229



Protanomaly

218, 197, 237



Deuteranomaly

230, 195, 227



Tritanomaly

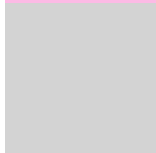
250, 189, 214

Monochromacy



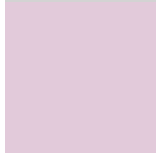
Original Color

252, 186, 229



Achromatopsia

211, 211, 211



Achromatomaly

226, 202, 218

CSS Examples

Text

The CSS property to change the color of the text to RYB 252, 186, 229 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, 186, 229) looks like.

```
.text, #text, p{  
    color:rgb(252, 186, 229)  
}
```

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, 186, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 186, 229) }
```

Border

The CSS property to change the border of an element to RYB 252, 186, 229 is called "border". The border property can be set on classes, ids or directly on the HTML element.

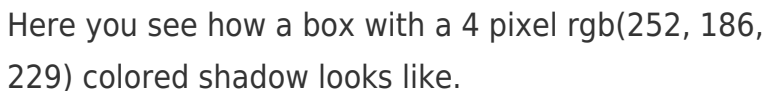
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(252, 186, 229) }
```

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

```
.border{ border-color:rgb(252, 186, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(252, 186, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 186, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 186, 229);  
box-shadow:4px 4px 4px 4px rgb(252, 186,  
229) }
```

Background

The CSS property to change the background color of an element to RYB 252, 186, 229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 186, 229) }
```

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

```
.background{ background-color: rgb(252,  
186, 229) }
```

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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