

Converting Colors

`RYB(244, 189, 225)`

Have a look what the booklet for RYB(244, 189, 225) contains.

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Color

R_YB(244, 189, 225)

Conversions

Conversions Part 1

Format	Color
Hex	F4BDE1
RGB	244, 189, 225
RGB Percent	96%, 74%, 88%
CMY	0.0431, 0.2588, 0.1176
CMYK	0.00, 0.23, 0.08, 0.04
HSL	321°, 71%, 85%
HSV	321°, 23%, 96%
XYZ	69.0964, 61.0645, 79.3790
YIQ	209.5490, 21.2240, 22.8560

Conversions

Conversions Part 2

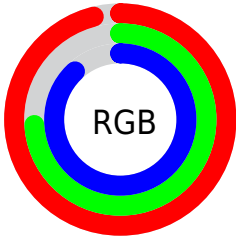
Format	Color
RYB	244, 189, 225
Decimal	16039393
CIELab	82.41, 25.39, -10.32
CIELCh	82, 27.405, 337.869
Yxy	61.0645, 0.3298, 0.2914
Android (android.graphics.Color)	4294229473 (0xFFFF4BDE1)
YUV	209.5490, 7.6173, 30.2135
Hunter-Lab	78.1438, 21.0819, -5.5265

Details

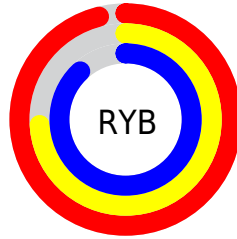
The RYB color **244, 189, 225** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **189, 230, 244**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **255, 246, 255**, and **187, 135, 170** is the 20% darker color. If you saturate the color by 10%, you get **244, 165, 217**, and if you desaturate by 10%, it is **244, 213, 233**.

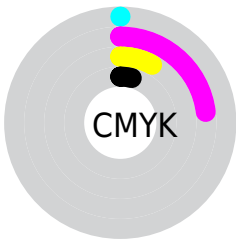
Distribution



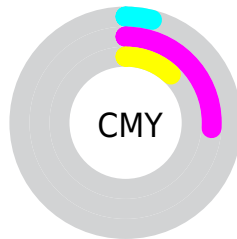
- Red (96%)
- Green (74%)
- Blue (88%)



- Red (96%)
- Yellow (74%)
- Blue (88%)



- Cyan (0%)
- Magenta (23%)
- Yellow (8%)
- Black (4%)




- Cyan (4%)
- Magenta (26%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 244, 189, 225 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 244, 189, 225 by changing the saturation by 10% instead.

 244, 189, 225


255, 255, 255

 255, 246, 255

 244, 189, 225

 215, 162, 197


 187, 135, 170

 160, 110, 143

 133, 85, 118

 107, 61, 93

 82, 38, 69

 58, 15, 47

 38, 0, 27

 0, 0, 0

■ 244, 189, 225

■ 244, 189, 225

■ 244, 165, 217

■ 244, 213, 233

■ 244, 140, 208

■ 244, 238, 242

■ 244, 116, 200

■ 244, 251, 255

■ 244, 91, 191

■ 244, 250, 255

■ 244, 67, 183

■ 244, 43, 174

■ 244, 18, 166

■ 244, 0, 160

Harmonies

Analogous

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



218, 196, 246



244, 189, 225



255, 186, 199

Triad

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



244, 189, 225



167, 217, 154



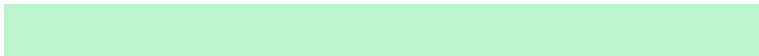
131, 179, 236

Complementary

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



244, 189, 225



189, 230, 244

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.



137, 181, 220



244, 189, 225



164, 213, 188

Square

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



244, 189, 225



241, 232, 158



160, 201, 218



150, 189, 252

Rectangle

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



244, 189, 225



255, 189, 182



160, 201, 218



131, 177, 228

Sweetspot

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



244, 189, 225



255, 237, 249



207, 189, 244



128, 117, 124



0, 0, 0



128, 128, 128

Same Dimension

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



244, 189, 225



255, 186, 231



244, 189, 198



122, 110, 118



186, 0, 122



59, 0, 38

Inverse Universe

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



244, 189, 225



255, 186, 231



189, 219, 244



122, 110, 118



186, 0, 122



59, 0, 38

Previews

White Background



This preview shows how the RYB color 244, 189, 225 looks on a white background.

Color Contrast Check

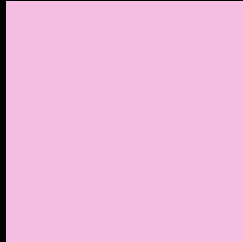
Large Text (above 18pt) WCAG AA × Fail

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 244, 189, 225 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](#).

RYP 244, 189, 225 Background



This preview shows how black text looks on a background with the RYB color 244, 189, 225.




This preview shows how white text looks on a background with the RYB color 244, 189, 225.

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





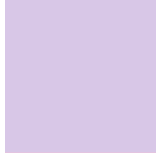
Tritanopia
242, 192, 207

Trichromacy



Original Color

244, 189, 225



Protanomaly

216, 199, 231



Deuteranomaly

227, 196, 224



Tritanomaly

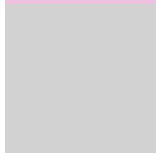
243, 191, 214

Monochromacy



Original Color

244, 189, 225



Achromatopsia

210, 210, 210



Achromatomaly

222, 202, 215

CSS Examples

Text

The CSS property to change the color of the text to RYB 244, 189, 225 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(244, 189, 225) looks like.

```
.text, #text, p{  
    color:rgb(244, 189, 225)  
}
```

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(244, 189, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 189, 225) }
```

Border

The CSS property to change the border of an element to RYB 244, 189, 225 is called "border". The border property can be set on classes, ids or directly on the HTML element.

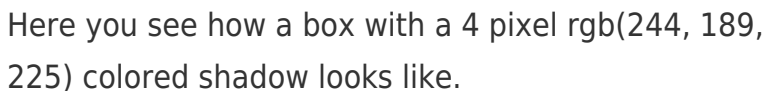
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(244, 189, 225) }
```

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

```
.border{ border-color:rgb(244, 189, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(244, 189, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(244, 189, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(244, 189, 225); box-shadow:4px 4px 4px 4px rgb(244, 189, 225) }
```

Background

The CSS property to change the background color of an element to RYB 244, 189, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 189, 225) }
```

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

```
.background{ background-color: rgb(244,  
189, 225) }
```

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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