

Converting Colors

`RYB(245, 185, 242)`

Have a look what the booklet for
RYB(245, 185, 242) contains.

RYB(245, 185, 242)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(245, 185, 242)

Conversions

Conversions Part 1

Format	Color
Hex	F5B9F2
RGB	245, 185, 242
RGB Percent	96%, 73%, 95%
CMY	0.0392, 0.2745, 0.0510
CMYK	0.00, 0.24, 0.01, 0.04
HSL	303°, 75%, 84%
HSV	303°, 24%, 96%
XYZ	71.0322, 60.5212, 91.9424
YIQ	209.4380, 17.4630, 30.4470

Conversions

Conversions Part 2

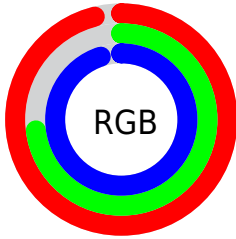
Format	Color
R _Y B	245, 185, 242
Decimal	16103922
CIE Lab	82.12, 30.81, -19.86
CIE LCh	82, 36.657, 327.187
Yxy	60.5212, 0.3178, 0.2708
Android (android.graphics.Color)	4294294002 (0xFFFF5B9F2)
YUV	209.4380, 16.0531, 31.1879
Hunter-Lab	77.7954, 26.8400, -15.6150

Details

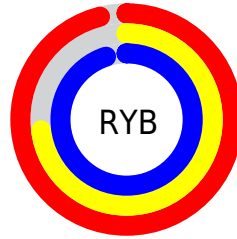
The RYB color **245, 185, 242** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **185, 242, 245**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **255, 242, 255**, and **188, 131, 186** is the 20% darker color. If you saturate the color by 10%, you get **245, 161, 241**, and if you desaturate by 10%, it is **245, 210, 243**.

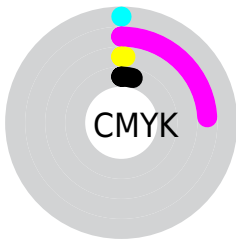
Distribution



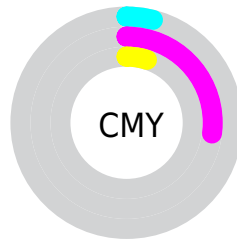
- Red (96%)
- Green (73%)
- Blue (95%)



- Red (96%)
- Yellow (73%)
- Blue (95%)



- Cyan (0%)
- Magenta (24%)
- Yellow (1%)
- Black (4%)



- Cyan (4%)
- Magenta (27%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 245, 185, 242 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, 185, 242 by changing the saturation by 10% instead.

 245, 185, 242


255, 255, 255

 255, 242, 255


 245, 185, 242


 216, 158, 214

 188, 131, 186

 161, 106, 159

 134, 81, 133

 108, 57, 107

 83, 33, 83


 58, 9, 60

 38, 0, 38

 0, 1, 15

 245, 185, 242


 245, 185, 242

 245, 161, 241

 245, 210, 243

 245, 136, 240


 245, 234, 244

 245, 112, 238


 245, 254, 255

 245, 87, 237


 245, 253, 255

 245, 62, 236

 245, 253, 255

 245, 38, 235

 245, 252, 255

 245, 14, 233

 245, 251, 255

 245, 0, 233

 245, 251, 255

 245, 251, 255

Harmonies

Analogous

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



204, 197, 255



245, 185, 242



255, 179, 209

Triad

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



245, 185, 242



179, 231, 135



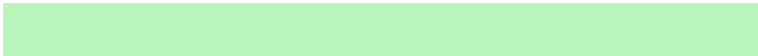
89, 158, 234

Complementary

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



245, 185, 242



185, 242, 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.



115, 175, 223



245, 185, 242



142, 212, 159

Square

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



245, 185, 242



255, 214, 148



155, 210, 219



105, 169, 255

Rectangle

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



245, 185, 242



255, 179, 186



155, 210, 219



94, 159, 223

Sweetspot

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



245, 185, 242



255, 237, 254



188, 185, 245



128, 117, 127



0, 0, 0



128, 128, 128

Same Dimension

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



245, 185, 242



255, 181, 251



245, 185, 212



122, 110, 122



186, 0, 177



59, 0, 56

Inverse Universe

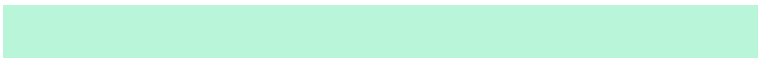
The Inverse Universe completely reimagines the original color for something new.



245, 185, 242



255, 181, 251



185, 224, 245



122, 110, 122



186, 0, 177



59, 0, 56

Previews

White Background



This preview shows how the RYB color 245, 185, 242 looks on a white background.

Color Contrast Check

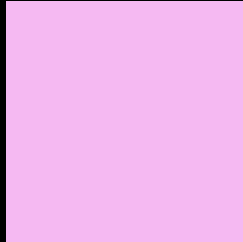
Large Text (above 18pt) WCAG AA × Fail

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, 185, 242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

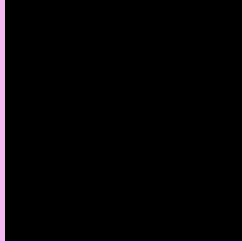
Any Text WCAG AA ✓ Pass

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, 185, 242 Background



This preview shows how black text looks on a background with the RYB color 245, 185, 242.

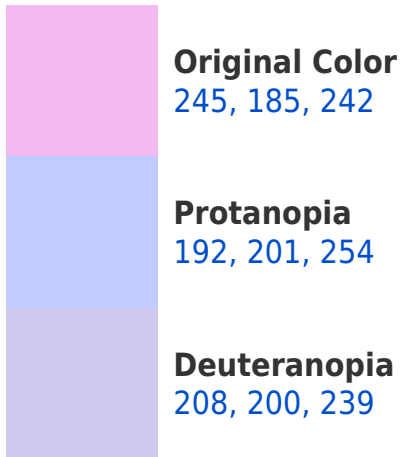



This preview shows how white text looks on a background with the RYB color 245, 185, 242.

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
240, 192, 206

Trichromacy



Original Color

245, 185, 242



Protanomaly

211, 196, 250



Deuteranomaly

221, 195, 240



Tritanomaly

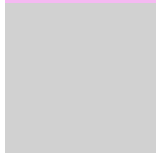
242, 189, 219

Monochromacy



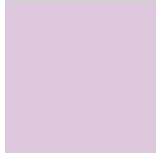
Original Color

245, 185, 242



Achromatopsia

209, 209, 209



Achromatomaly

222, 200, 221

CSS Examples

Text

The CSS property to change the color of the text to RYB 245, 185, 242 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, 185, 242)` looks like.

```
.text, #text, p{  
    color:rgb(245, 185, 242)  
}
```

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, 185, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 185, 242) }
```

Border

The CSS property to change the border of an element to RYB 245, 185, 242 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, 185, 242) }
```

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

```
.border{ border-color:rgb(245, 185, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 185, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 185, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 185, 242);  
box-shadow:4px 4px 4px 4px rgb(245, 185,  
242) }
```

Background

The CSS property to change the background color of an element to RYB 245, 185, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 185, 242) }
```

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

```
.background{ background-color: rgb(245,  
185, 242) }
```

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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