

Converting Colors

`RYB(245, 155, 206)`

Have a look what the booklet for
RYB(245, 155, 206) contains.

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Color

RYB(245, 155, 206)

Conversions

Conversions Part 1

Format	Color
Hex	F59BCE
RGB	245, 155, 206
RGB Percent	96%, 61%, 81%
CMY	0.0392, 0.3922, 0.1922
CMYK	0.00, 0.37, 0.16, 0.04
HSL	326°, 82%, 78%
HSV	326°, 37%, 96%
XYZ	60.5181, 47.3114, 64.3349
YIQ	187.7240, 37.2690, 34.9410

Conversions

Conversions Part 2

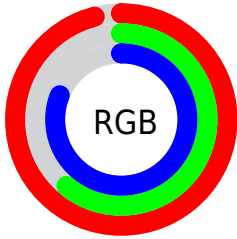
Format	Color
R_{YB}	245, 155, 206
Decimal	16096206
CIE _{Lab}	74.39, 40.54, -11.98
CIE _{LCh}	74, 42.277, 343.534
Yxy	47.3114, 0.3515, 0.2748
Android (android.graphics.Color)	4294286286 (0xFFFF59BCE)
YUV	187.7240, 9.0101, 50.2311
Hunter-Lab	68.7833, 36.6803, -7.3073

Details

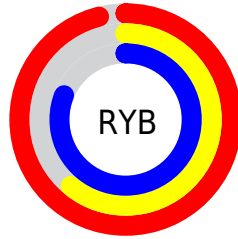
The RYB color **245, 155, 206** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **155, 218, 245**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **255, 211, 255**, and **187, 102, 152** is the 20% darker color. If you saturate the color by 10%, you get **245, 131, 195**, and if you desaturate by 10%, it is **245, 179, 217**.

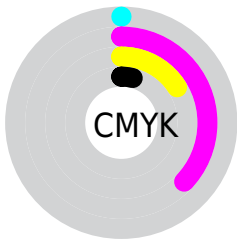
Distribution



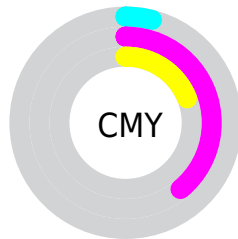
- Red (96%)
- Green (61%)
- Blue (81%)



- Red (96%)
- Yellow (61%)
- Blue (81%)



- Cyan (0%)
- Magenta (37%)
- Yellow (16%)
- Black (4%)



- Cyan (4%)
- Magenta (39%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RYB color 245, 155, 206 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, 155, 206 by changing the saturation by 10% instead.


 245, 155, 206

 245, 155, 206

255, 255, 255

 216, 128, 178

 255, 211, 255

 187, 102, 152

 255, 239, 255

 159, 76, 126

 132, 51, 101

 105, 24, 77

 79, 0, 54

 55, 0, 33

 29, 0, 6


 0, 0, 0

 245, 155, 206


 245, 155, 206

 245, 131, 195


 245, 179, 217

 245, 106, 185


 245, 204, 227

 245, 82, 174

 245, 228, 238

 245, 57, 164

 245, 251, 253

 245, 32, 153

 245, 250, 255

 245, 8, 142

 245, 0, 139

Harmonies

Analogous

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



210, 166, 240



245, 155, 206



255, 153, 167

Triad

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



245, 155, 206



111, 191, 106



0, 108, 235

Complementary

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



245, 155, 206



155, 218, 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.



20, 113, 204



245, 155, 206



125, 196, 174

Square

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



245, 155, 206



207, 227, 108



97, 163, 202



83, 150, 255

Rectangle

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



245, 155, 206



255, 159, 142



97, 163, 202



0, 106, 225

Sweetspot

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



245, 155, 206



255, 227, 243



194, 155, 245



128, 111, 120



0, 0, 0



128, 128, 128

Same Dimension

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



245, 155, 206



255, 143, 206



245, 155, 161



122, 110, 117



186, 0, 105



59, 0, 33

Inverse Universe

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



245, 155, 206



255, 143, 206



155, 202, 245



122, 110, 117



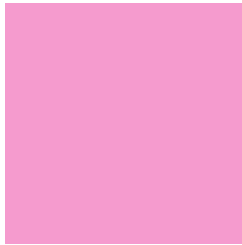
186, 0, 105



59, 0, 33

Previews

White Background



This preview shows how the RYB color 245, 155, 206 looks on a white background.

Color Contrast Check

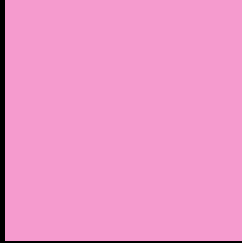
Large Text (above 18pt) WCAG AA × Fail

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, 155, 206 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, 155, 206 Background



This preview shows how black text looks on a background with the RYB color 245, 155, 206.



This preview shows how white text looks on a background with the RYB color 245, 155, 206.

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
245, 155, 206

Protanopia
174, 181, 224

Deuteranopia
193, 178, 202



Tritanopia
241, 161, 173

Trichromacy



Original Color

245, 155, 206



Protanomaly

200, 172, 217



Deuteranomaly

212, 170, 203



Tritanomaly

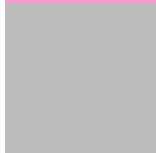
242, 159, 185

Monochromacy



Original Color

245, 155, 206



Achromatopsia

188, 188, 188



Achromatomaly

209, 176, 195

CSS Examples

Text

The CSS property to change the color of the text to RYB 245, 155, 206 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, 155, 206) looks like.

```
.text, #text, p{  
    color:rgb(245, 155, 206)  
}
```

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, 155, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 155, 206) }
```

Border

The CSS property to change the border of an element to RYB 245, 155, 206 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, 155, 206) }
```

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

```
.border{ border-color:rgb(245, 155, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 155, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 155, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 155, 206);  
box-shadow:4px 4px 4px 4px rgb(245, 155,  
206) }
```

Background

The CSS property to change the background color of an element to RYB 245, 155, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 155, 206) }
```

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

```
.background{ background-color: rgb(245,  
155, 206) }
```

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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