

Converting Colors

`RYB(241, 165, 210)`

Have a look what the booklet for
RYB(241, 165, 210) contains.

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Color

R_YB(241, 165, 210)

Conversions

Conversions Part 1

Format	Color
Hex	F1A5D2
RGB	241, 165, 210
RGB Percent	95%, 65%, 82%
CMY	0.0549, 0.3529, 0.1765
CMYK	0.00, 0.32, 0.13, 0.05
HSL	324°, 73%, 80%
HSV	324°, 32%, 95%
XYZ	61.3636, 50.2642, 67.4405
YIQ	192.8540, 30.8510, 30.1070

Conversions

Conversions Part 2

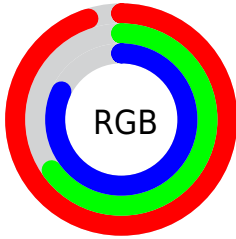
Format	Color
R _Y B	241, 165, 210
Decimal	15836626
CIE Lab	76.23, 34.60, -11.46
CIE LCh	76, 36.445, 341.665
Yxy	50.2642, 0.3427, 0.2807
Android (android.graphics.Color)	4294026706 (0xFFF1A5D2)
YUV	192.8540, 8.4530, 42.2240
Hunter-Lab	70.8972, 30.4268, -6.7711

Details

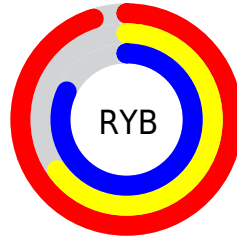
The RYB color **241, 165, 210** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **165, 219, 241**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **255, 221, 255**, and **184, 112, 156** is the 20% darker color. If you saturate the color by 10%, you get **241, 141, 200**, and if you desaturate by 10%, it is **241, 189, 220**.

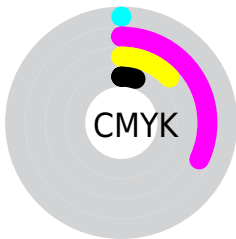
Distribution



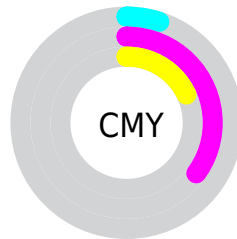
- Red (95%)
- Green (65%)
- Blue (82%)



- Red (95%)
- Yellow (65%)
- Blue (82%)



- Cyan (0%)
- Magenta (32%)
- Yellow (13%)
- Black (5%)





- Cyan (5%)
- Magenta (35%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the RYB color 241, 165, 210 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 241, 165, 210 by changing the saturation by 10% instead.

 241, 165, 210

 241, 165, 210

255, 255, 255


 212, 138, 182

 255, 221, 255


 184, 112, 156

 255, 250, 255

 156, 87, 129

 129, 62, 104


 103, 38, 80


 78, 11, 57


 53, 0, 36


 30, 0, 13


 0, 0, 0

 241, 165, 210


 241, 165, 210

 241, 141, 200


 241, 189, 220


 241, 117, 190


 241, 213, 230


 241, 93, 181


 241, 237, 239

 241, 69, 171

 241, 250, 255

 241, 45, 161

 241, 248, 255

 241, 20, 151

 241, 0, 143

Harmonies

Analogous

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



209, 175, 238



241, 165, 210



254, 162, 176

Triad

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



241, 165, 210



130, 198, 121



70, 143, 232

Complementary

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



241, 165, 210



165, 219, 241

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.



81, 145, 206



241, 165, 210



137, 199, 175

Square

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



241, 165, 210



221, 229, 125



120, 175, 205



109, 163, 251

Rectangle

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



241, 165, 210



253, 166, 154



120, 175, 205



68, 141, 222

Sweetspot

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



241, 165, 210



255, 232, 246



195, 165, 241



128, 113, 122



0, 0, 0



128, 128, 128

Same Dimension

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



241, 165, 210



255, 158, 215



241, 165, 173



120, 108, 115



184, 0, 109



56, 0, 33

Inverse Universe

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



241, 165, 210



255, 158, 215



165, 205, 241



120, 108, 115



184, 0, 109



56, 0, 33

Previews

White Background



This preview shows how the RYB color 241, 165, 210 looks on a white background.

Color Contrast Check

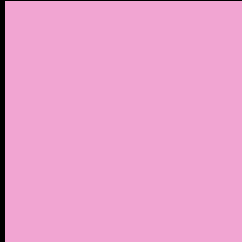
Large Text (above 18pt) WCAG AA × Fail

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 241, 165, 210 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 241, 165, 210 Background



This preview shows how black text looks on a background with the RYB color 241, 165, 210.



This preview shows how white text looks on a background with the RYB color 241, 165, 210.

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
241, 165, 210

Protanopia
181, 186, 224

Deuteranopia
198, 183, 207



Tritanopia
238, 170, 183

Trichromacy



Original Color

241, 165, 210



Protanomaly

203, 179, 219



Deuteranomaly

214, 176, 208



Tritanomaly

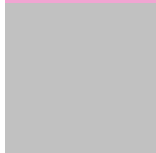
239, 168, 193

Monochromacy



Original Color

241, 165, 210



Achromatopsia

193, 193, 193



Achromatomaly

210, 183, 199

CSS Examples

Text

The CSS property to change the color of the text to RYB 241, 165, 210 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(241, 165, 210) looks like.

```
.text, #text, p{  
    color:rgb(241, 165, 210)  
}
```

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(241, 165, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 165, 210) }
```

Border

The CSS property to change the border of an element to RYB 241, 165, 210 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(241, 165, 210) }
```

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

```
.border{ border-color:rgb(241, 165, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 165, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 165, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 165, 210);  
box-shadow:4px 4px 4px 4px rgb(241, 165,  
210) }
```

Background

The CSS property to change the background color of an element to RYB 241, 165, 210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 165, 210) }
```

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

```
.background{ background-color: rgb(241,  
165, 210) }
```

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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