

Converting Colors

`RYB(242, 165, 231)`

Have a look what the booklet for
RYB(242, 165, 231) contains.

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Color

`RYB(242, 165, 231)`

Conversions

Conversions Part 1

Format	Color
Hex	F2A5E7
RGB	242, 165, 231
RGB Percent	95%, 65%, 91%
CMY	0.0510, 0.3529, 0.0941
CMYK	0.00, 0.32, 0.05, 0.05
HSL	309°, 75%, 80%
HSV	309°, 32%, 95%
XYZ	64.4969, 51.5570, 82.1535
YIQ	195.5470, 24.7060, 36.8500

Conversions

Conversions Part 2

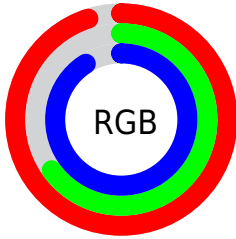
Format	Color
R _Y B	242, 165, 231
Decimal	15902183
CIE Lab	77.02, 38.45, -21.70
CIE LCh	77, 44.152, 330.555
Yxy	51.5570, 0.3254, 0.2601
Android (android.graphics.Color)	4294092263 (0xFFFF2A5E7)
YUV	195.5470, 17.4783, 40.7393
Hunter-Lab	71.8032, 34.6811, -17.5742

Details

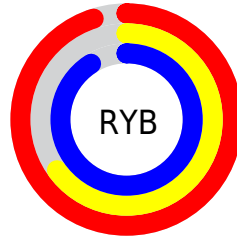
The RYB color **242, 165, 231** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **165, 232, 242**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **255, 221, 255**, and **185, 112, 175** is the 20% darker color. If you saturate the color by 10%, you get **242, 141, 228**, and if you desaturate by 10%, it is **242, 189, 234**.

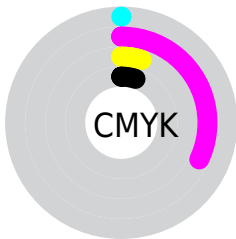
Distribution



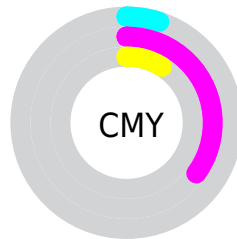
- Red (95%)
- Green (65%)
- Blue (91%)



- Red (95%)
- Yellow (65%)
- Blue (91%)



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





- Cyan (5%)
- Magenta (35%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the RYB color 242, 165, 231 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 242, 165, 231 by changing the saturation by 10% instead.

 242, 165, 231

 242, 165, 231

255, 255, 255


 213, 138, 203

 255, 221, 255

 185, 112, 175

 255, 250, 255

 157, 86, 149

 130, 61, 123


 104, 36, 98


 78, 8, 74


 54, 0, 51


 32, 0, 30


 0, 0, 0

 242, 165, 231

 242, 165, 231

 242, 141, 228


 242, 189, 234

 242, 117, 224

 242, 213, 238

 242, 92, 221

 242, 238, 241

 242, 68, 217

 242, 253, 255

 242, 44, 214

 242, 251, 255

 242, 20, 210

 242, 249, 255

 242, 0, 207

 242, 249, 255

Harmonies

Analogous

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



195, 179, 255



242, 165, 231



255, 158, 191

Triad

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



242, 165, 231



145, 216, 107



0, 110, 230

Complementary

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



242, 165, 231



165, 232, 242

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.



59, 141, 212



242, 165, 231



118, 200, 145

Square

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



242, 165, 231



249, 213, 120



124, 189, 208



36, 131, 255

Rectangle

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



242, 165, 231



255, 159, 164



124, 189, 208



0, 107, 217

Sweetspot

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



242, 165, 231



255, 230, 251



175, 165, 242



128, 112, 125



0, 0, 0



128, 128, 128

Same Dimension

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



242, 165, 231



255, 158, 241



242, 165, 193



120, 108, 118



184, 0, 157



56, 0, 48

Inverse Universe

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



242, 165, 231



255, 158, 241



165, 212, 242



120, 108, 118



184, 0, 157



56, 0, 48

Previews

White Background



This preview shows how the RYB color 242, 165, 231 looks on a white background.

Color Contrast Check

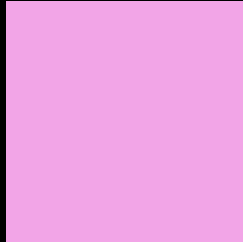
Large Text (above 18pt) WCAG AA × Fail

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 242, 165, 231 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 242, 165, 231 Background



This preview shows how black text looks on a background with the RYB color 242, 165, 231.

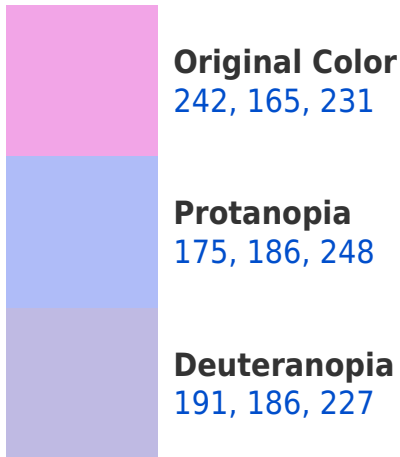


This preview shows how white text looks on a background with the RYB color 242, 165, 231.

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
236, 173, 187

Trichromacy



Original Color

242, 165, 231



Protanomaly

199, 180, 242



Deuteranomaly

210, 178, 228



Tritanomaly

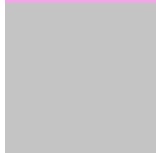
238, 170, 203

Monochromacy



Original Color

242, 165, 231



Achromatopsia

196, 196, 196



Achromatomaly

213, 185, 209

CSS Examples

Text

The CSS property to change the color of the text to RYB 242, 165, 231 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(242, 165, 231) looks like.

```
.text, #text, p{  
    color:rgb(242, 165, 231)  
}
```

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(242, 165, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 165, 231) }
```

Border

The CSS property to change the border of an element to RYB 242, 165, 231 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(242, 165, 231) }
```

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

```
.border{ border-color:rgb(242, 165, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 165, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 165, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 165, 231);  
box-shadow:4px 4px 4px 4px rgb(242, 165,  
231) }
```

Background

The CSS property to change the background color of an element to RYB 242, 165, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 165, 231) }
```

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

```
.background{ background-color: rgb(242,  
165, 231) }
```

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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