

Converting Colors

`RYB(242, 182, 217)`

Have a look what the booklet for RYB(242, 182, 217) contains.

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Color

R_YB(242, 182, 217)

Conversions

Conversions Part 1

Format	Color
Hex	F2B6D9
RGB	242, 182, 217
RGB Percent	95%, 71%, 85%
CMY	0.0510, 0.2863, 0.1490
CMYK	0.00, 0.25, 0.10, 0.05
HSL	325°, 70%, 83%
HSV	325°, 25%, 95%
XYZ	65.8703, 57.3429, 73.2422
YIQ	203.9300, 24.5250, 23.6050

Conversions

Conversions Part 2

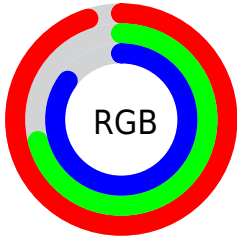
Format	Color
R _Y B	242, 182, 217
Decimal	15906521
CIE Lab	80.37, 27.08, -9.08
CIE LCh	80, 28.558, 341.461
Yxy	57.3429, 0.3353, 0.2919
Android (android.graphics.Color)	4294096601 (0xFFFF2B6D9)
YUV	203.9300, 6.4435, 33.3874
Hunter-Lab	75.7251, 22.7512, -4.3384

Details

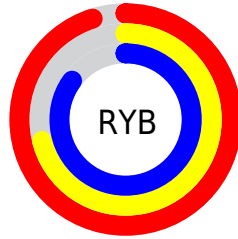
The RYB color **242, 182, 217** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **182, 224, 242**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **255, 238, 255**, and **185, 129, 162** is the 20% darker color. If you saturate the color by 10%, you get **242, 158, 207**, and if you desaturate by 10%, it is **242, 206, 227**.

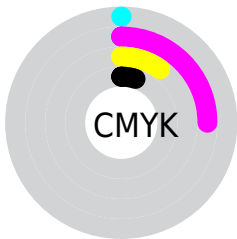
Distribution



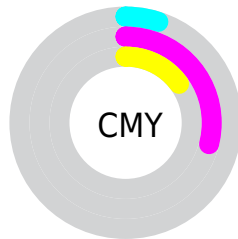
- Red (95%)
- Green (71%)
- Blue (85%)



- Red (95%)
- Yellow (71%)
- Blue (85%)



- Cyan (0%)
- Magenta (25%)
- Yellow (10%)
- Black (5%)



- Cyan (5%)
- Magenta (29%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RYB color 242, 182, 217 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, 182, 217 by changing the saturation by 10% instead.

 242, 182, 217

 242, 182, 217


255, 255, 255

 213, 155, 189

 255, 238, 255

 185, 129, 162

 158, 103, 136

 131, 78, 111

 105, 55, 86

 80, 32, 63

 56, 8, 41

 37, 0, 21

 0, 0, 0

■ 242, 182, 217

■ 242, 182, 217

■ 242, 158, 207

■ 242, 206, 227

■ 242, 134, 197

■ 242, 230, 237

■ 242, 109, 187

■ 242, 251, 255

■ 242, 85, 177

■ 242, 249, 255

■ 242, 61, 167

■ 242, 37, 156

■ 242, 13, 146

■ 242, 0, 141

Harmonies

Analogous

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



216, 189, 239



242, 182, 217



253, 180, 190

Triad

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



242, 182, 217



156, 209, 147



122, 172, 234

Complementary

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



242, 182, 217



182, 224, 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.



126, 171, 214



242, 182, 217



159, 208, 188

Square

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



242, 182, 217



232, 234, 149



149, 191, 213



145, 184, 249

Rectangle

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



242, 182, 217



253, 183, 173



149, 191, 213



120, 170, 226

Sweetspot

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



242, 182, 217



255, 237, 248



207, 182, 242



128, 117, 123



0, 0, 0



128, 128, 128

Same Dimension

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



242, 182, 217



255, 179, 223



242, 182, 187



120, 108, 115



184, 0, 107



56, 0, 33

Inverse Universe

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



242, 182, 217



255, 179, 223



182, 213, 242



120, 108, 115



184, 0, 107



56, 0, 33

Previews

White Background



This preview shows how the RYB color 242, 182, 217 looks on a white background.

Color Contrast Check

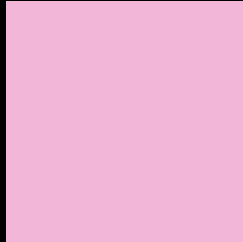
Large Text (above 18pt) WCAG AA × Fail

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, 182, 217 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, 182, 217 Background



This preview shows how black text looks on a background with the RYB color 242, 182, 217.

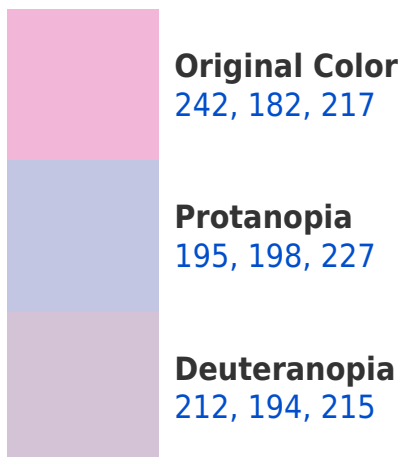



This preview shows how white text looks on a background with the RYB color 242, 182, 217.

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, 185, 199

Trichromacy



Original Color

242, 182, 217



Protanomaly

212, 192, 223



Deuteranomaly

223, 190, 216



Tritanomaly

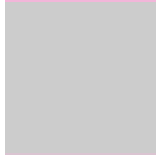
241, 184, 206

Monochromacy



Original Color

242, 182, 217



Achromatopsia

204, 204, 204



Achromatomaly

218, 196, 209

CSS Examples

Text

The CSS property to change the color of the text to RYB 242, 182, 217 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, 182, 217) looks like.

```
.text, #text, p{  
    color:rgb(242, 182, 217)  
}
```

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, 182, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 182, 217) }
```

Border

The CSS property to change the border of an element to RYB 242, 182, 217 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, 182, 217) }
```

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

```
.border{ border-color:rgb(242, 182, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 182, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 182, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 182, 217);  
box-shadow:4px 4px 4px 4px rgb(242, 182,  
217) }
```

Background

The CSS property to change the background color of an element to RYB 242, 182, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 182, 217) }
```

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

```
.background{ background-color: rgb(242,  
182, 217) }
```

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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