

Converting Colors

`RYB(242, 121, 139)`

Have a look what the booklet for RYB(242, 121, 139) contains.

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Color

`RYB(242, 121, 139)`

Conversions

Conversions Part 1

Format	Color
Hex	F2798B
RGB	242, 121, 139
RGB Percent	95%, 47%, 55%
CMY	0.0510, 0.5255, 0.4549
CMYK	0.00, 0.50, 0.43, 0.05
HSL	351°, 82%, 71%
HSV	351°, 50%, 95%
XYZ	48.1155, 34.4161, 28.5331
YIQ	159.2310, 66.3380, 31.2500

Conversions

Conversions Part 2

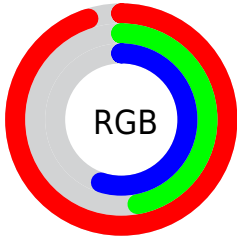
Format	Color
R _Y B	242, 121, 139
Decimal	15890827
CIE Lab	65.29, 48.10, 12.17
CIE LCh	65, 49.613, 14.202
Yxy	34.4161, 0.4332, 0.3099
Android (android.graphics.Color)	4294080907 (0xFFFF2798B)
YUV	159.2310, -9.9739, 72.5884
Hunter-Lab	58.6652, 43.7365, 12.2287

Details

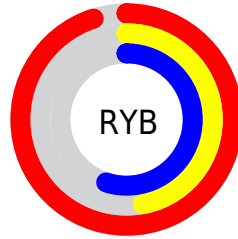
The RYB color **242, 121, 139** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **121, 186, 242**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **255, 176, 192**, and **182, 67, 89** is the 20% darker color. If you saturate the color by 10%, you get **242, 97, 118**, and if you desaturate by 10%, it is **242, 145, 160**.

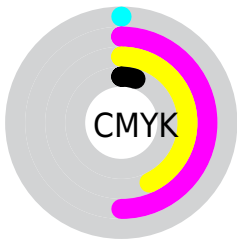
Distribution



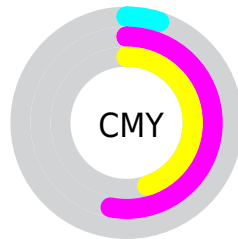
- Red (95%)
- Green (47%)
- Blue (55%)



- Red (95%)
- Yellow (47%)
- Blue (55%)



- Cyan (0%)
- Magenta (50%)
- Yellow (43%)
- Black (5%)




- Cyan (5%)
- Magenta (53%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 242, 121, 139 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, 121, 139 by changing the saturation by 10% instead.


 242, 121, 139

255, 255, 255

 255, 176, 192

 255, 204, 220

 255, 233, 249

 242, 121, 139

 212, 94, 114

 182, 67, 89

 153, 40, 66

 124, 2, 44


 96, 0, 24

 68, 0, 0

 41, 0, 1

 0, 0, 0

 242, 121, 139

 242, 121, 139

■ 242, 97, 118

■ 242, 145, 160

■ 242, 73, 98

■ 242, 169, 180

■ 242, 48, 77

■ 242, 194, 201

■ 242, 24, 57

■ 242, 218, 221

■ 242, 0, 36

■ 242, 242, 242

■ 242, 249, 255

Harmonies

Analogous

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



229, 124, 184



242, 121, 139



232, 142, 98

Triad

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



242, 121, 139



92, 173, 151



0, 100, 243

Complementary

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



242, 121, 139



121, 186, 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.



0, 98, 219



242, 121, 139



34, 120, 179

Square

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



242, 121, 139



69, 164, 68



0, 91, 181



121, 148, 245

Rectangle

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



242, 121, 139



215, 198, 78



0, 91, 181



0, 100, 238

Sweetspot

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



242, 121, 139



255, 217, 222



224, 121, 242



128, 105, 108



0, 0, 0



128, 128, 128

Same Dimension

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



242, 121, 139



255, 102, 125



242, 185, 121



120, 108, 110



184, 0, 27



56, 0, 8

Inverse Universe

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



242, 121, 139



255, 102, 125



121, 169, 242



120, 108, 110



184, 0, 27



56, 0, 8

Previews

White Background



This preview shows how the RYB color 242, 121, 139 looks on a white background.

Color Contrast Check

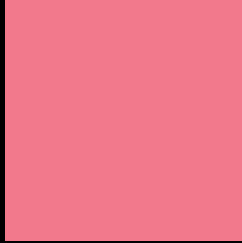
Large Text (above 18pt) WCAG AA × Fail

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, 121, 139 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, 121, 139 Background



This preview shows how black text looks on a background with the RYB color 242, 121, 139.

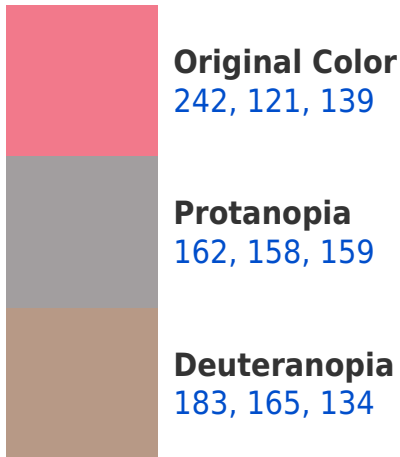


This preview shows how white text looks on a background with the RYB color 242, 121, 139.

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
241, 122, 131

Trichromacy



Original Color

242, 121, 139



Protanomaly

191, 145, 152



Deuteranomaly

204, 141, 136



Tritanomaly

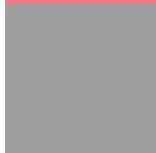
241, 122, 134

Monochromacy



Original Color

242, 121, 139



Achromatopsia

159, 159, 159



Achromatomaly

189, 145, 152

CSS Examples

Text

The CSS property to change the color of the text to RYB 242, 121, 139 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, 121, 139) looks like.

```
.text, #text, p{  
    color:rgb(242, 121, 139)  
}
```

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, 121, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 121, 139) }
```

Border

The CSS property to change the border of an element to RYB 242, 121, 139 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, 121, 139) }
```

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

```
.border{ border-color:rgb(242, 121, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 121, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 121, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 121, 139);  
box-shadow:4px 4px 4px 4px rgb(242, 121,  
139) }
```

Background

The CSS property to change the background color of an element to RYB 242, 121, 139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 121, 139) }
```

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

```
.background{ background-color: rgb(242,  
121, 139) }
```

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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