

Converting Colors

`RYB(242, 119, 139)`

Have a look what the booklet for RYB(242, 119, 139) contains.

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Color

`RYB(242, 119, 139)`

Conversions

Conversions Part 1

Format	Color
Hex	F2778B
RGB	242, 119, 139
RGB Percent	95%, 47%, 55%
CMY	0.0510, 0.5333, 0.4549
CMYK	0.00, 0.51, 0.43, 0.05
HSL	350°, 83%, 71%
HSV	350°, 51%, 95%
XYZ	47.8750, 33.9350, 28.4529
YIQ	158.0570, 66.8880, 32.2960

Conversions

Conversions Part 2

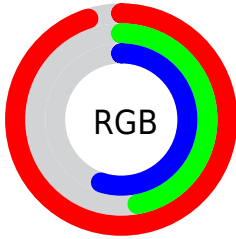
Format	Color
R _Y B	242, 119, 139
Decimal	15890315
CIE Lab	64.91, 49.07, 11.64
CIE LCh	65, 50.433, 13.340
Yxy	33.9350, 0.4342, 0.3078
Android (android.graphics.Color)	4294080395 (0xFFFF2778B)
YUV	158.0570, -9.3951, 73.6180
Hunter-Lab	58.2537, 44.7536, 11.8186

Details

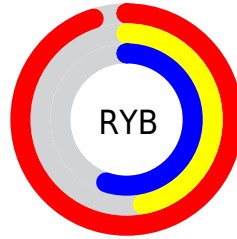
The RYB color **242, 119, 139** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **119, 186, 242**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **255, 174, 192**, and **182, 65, 89** is the 20% darker color. If you saturate the color by 10%, you get **242, 95, 119**, and if you desaturate by 10%, it is **242, 143, 159**.

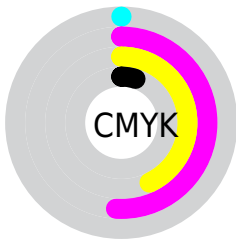
Distribution



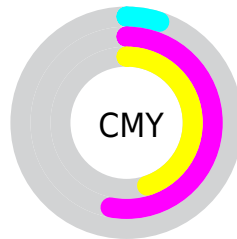
- Red (95%)
- Green (47%)
- Blue (55%)



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



- Cyan (0%)
- Magenta (51%)
- Yellow (43%)
- Black (5%)




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

Brightness & Saturation Gradients

These gradients show how the RYB color 242, 119, 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, 119, 139 by changing the saturation by 10% instead.

 242, 119, 139

255, 255, 255

 255, 174, 192

 255, 202, 220

 255, 231, 249

 242, 119, 139

 212, 92, 114

 182, 65, 89

 153, 37, 66

 124, 0, 44

 95, 0, 24

 68, 0, 0

 40, 0, 1

 0, 0, 0

 242, 119, 139

 242, 119, 139

■ 242, 95, 119

■ 242, 143, 159

■ 242, 71, 98

■ 242, 167, 180

■ 242, 46, 78

■ 242, 192, 200

■ 242, 22, 58

■ 242, 216, 220

■ 242, 0, 39

■ 242, 240, 240

■ 242, 249, 255

Harmonies

Analogous

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



228, 122, 185



242, 119, 139



233, 138, 98

Triad

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



242, 119, 139



89, 172, 147



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, 119, 139



119, 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, 218



242, 119, 139



31, 119, 178

Square

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



242, 119, 139



68, 164, 65



0, 91, 180



117, 146, 245

Rectangle

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



242, 119, 139



216, 192, 77



0, 91, 180



0, 100, 237

Sweetspot

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



242, 119, 139



255, 217, 223



222, 119, 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, 119, 139



255, 99, 125



242, 181, 119



120, 108, 110



184, 0, 30



56, 0, 9

Inverse Universe

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



242, 119, 139



255, 99, 125



119, 168, 242



120, 108, 110



184, 0, 30



56, 0, 9

Previews

White Background



This preview shows how the RYB color 242, 119, 139 looks on a white background.

Color Contrast Check

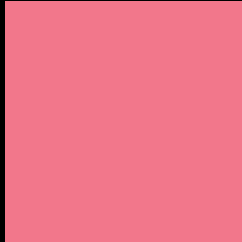
Large Text (above 18pt) WCAG AA × Fail

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, 119, 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, 119, 139 Background



This preview shows how black text looks on a background with the RYB color 242, 119, 139.

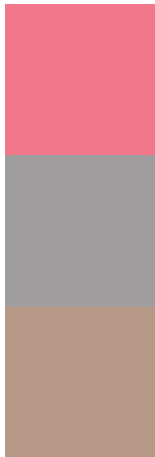


This preview shows how white text looks on a background with the RYB color 242, 119, 139.

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



Original Color
242, 119, 139

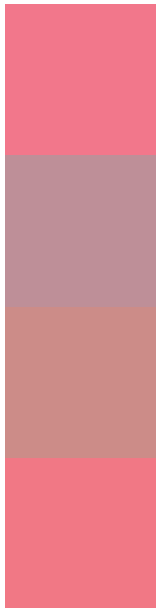
Protanopia
160, 157, 159

Deuteranopia
182, 163, 134



Tritanopia
241, 121, 129

Trichromacy



Original Color
242, 119, 139

Protanomaly
190, 143, 152

Deuteranomaly
204, 140, 136

Tritanomaly
241, 120, 133

Monochromacy



Original Color
242, 119, 139

Achromatopsia
158, 158, 158

Achromatomaly
189, 144, 151

CSS Examples

Text

The CSS property to change the color of the text to RYB 242, 119, 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, 119, 139)` looks like.

```
.text, #text, p{  
    color:rgb(242, 119, 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, 119, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 119, 139) }
```

Border

The CSS property to change the border of an element to RYB 242, 119, 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, 119, 139) }
```

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

```
.border{ border-color:rgb(242, 119, 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, 119, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 119, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 119, 139);  
box-shadow:4px 4px 4px 4px rgb(242, 119,  
139) }
```

Background

The CSS property to change the background color of an element to RYB 242, 119, 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, 119, 139) }
```

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

```
.background{ background-color: rgb(242,  
119, 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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