

Converting Colors

`RYB(243, 122, 217)`

Have a look what the booklet for
RYB(243, 122, 217) contains.

RYB(243, 122, 217)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

`RYB(243, 122, 217)`

Conversions

Conversions Part 1

Format	Color
Hex	F37AD9
RGB	243, 122, 217
RGB Percent	95%, 48%, 85%
CMY	0.0471, 0.5216, 0.1490
CMYK	0.00, 0.50, 0.11, 0.05
HSL	313°, 83%, 72%
HSV	313°, 50%, 95%
XYZ	56.4461, 37.9835, 70.0022
YIQ	169.0090, 41.6210, 55.1970

Conversions

Conversions Part 2

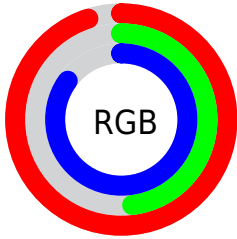
Format	Color
RYB	243, 122, 217
Decimal	15956697
CIELab	68.01, 58.17, -27.77
CIELCh	68, 64.461, 334.478
Yxy	37.9835, 0.3433, 0.2310
Android (android.graphics.Color)	4294146777 (0xFFFF37AD9)
YUV	169.0090, 23.6596, 64.8901
Hunter-Lab	61.6308, 55.6298, -24.2019

Details

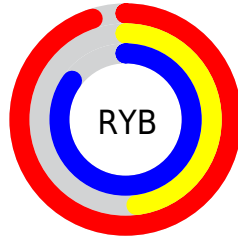
The RYB color **243, 122, 217** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **122, 222, 243**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **255, 178, 255**, and **184, 67, 162** is the 20% darker color. If you saturate the color by 10%, you get **243, 98, 212**, and if you desaturate by 10%, it is **243, 146, 222**.

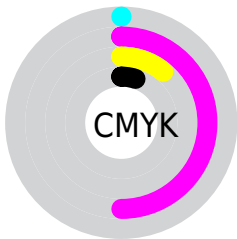
Distribution



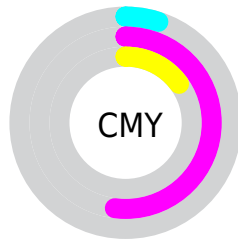
- Red (95%)
- Green (48%)
- Blue (85%)



- Red (95%)
- Yellow (48%)
- Blue (85%)



- Cyan (0%)
- Magenta (50%)
- Yellow (11%)
- Black (5%)



- Cyan (5%)
- Magenta (52%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RYB color 243, 122, 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 243, 122, 217 by changing the saturation by 10% instead.

 243, 122, 217

 243, 122, 217


255, 255, 255

 213, 94, 189

 255, 178, 255

 184, 67, 162

 255, 207, 255

 156, 36, 135

 255, 236, 255

 128, 0, 110

 101, 0, 85

 74, 0, 62


 50, 0, 40


 9, 0, 16


 0, 0, 0


 243, 122, 217


 243, 122, 217


 243, 98, 212


 243, 146, 222

 243, 73, 207

 243, 171, 227

 243, 49, 201

 243, 195, 233

 243, 25, 196

 243, 219, 238

 243, 1, 191

 243, 243, 243

 243, 0, 191

 243, 251, 255

 243, 249, 255

 243, 249, 255

Harmonies

Analogous

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



179, 147, 255



243, 122, 217



255, 110, 159

Triad

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



243, 122, 217



61, 188, 35



0, 105, 230

Complementary

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



243, 122, 217



122, 222, 243

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, 103, 194



243, 122, 217



62, 181, 115

Square

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



243, 122, 217



235, 227, 57



0, 119, 190



0, 107, 255

Rectangle

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



243, 122, 217



255, 115, 121



0, 119, 190



0, 101, 212

Sweetspot

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



243, 122, 217



255, 217, 247



146, 122, 243



128, 105, 123



0, 0, 0



128, 128, 128

Same Dimension

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



243, 122, 217



255, 102, 222



243, 122, 158



122, 110, 120



186, 0, 146



59, 0, 46

Inverse Universe

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



243, 122, 217



255, 102, 222



122, 193, 243



122, 110, 120



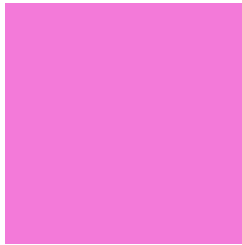
186, 0, 146



59, 0, 46

Previews

White Background



This preview shows how the RYB color 243, 122, 217 looks on a white background.

Color Contrast Check

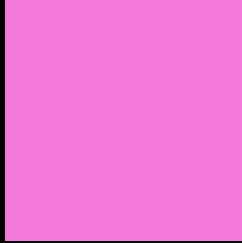
Large Text (above 18pt) WCAG AA × Fail

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 243, 122, 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 243, 122, 217 Background



This preview shows how black text looks on a background with the RYB color 243, 122, 217.



This preview shows how white text looks on a background with the RYB color 243, 122, 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



Original Color
243, 122, 217

Protanopia
137, 158, 249

Deuteranopia
159, 163, 210



Tritanopia
235, 138, 148

Trichromacy



Original Color

243, 122, 217



Protanomaly

176, 148, 237



Deuteranomaly

190, 148, 213



Tritanomaly

238, 132, 173

Monochromacy



Original Color

243, 122, 217



Achromatopsia

169, 169, 169



Achromatomaly

196, 152, 186

CSS Examples

Text

The CSS property to change the color of the text to RYB 243, 122, 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(243, 122, 217) looks like.

```
.text, #text, p{  
    color:rgb(243, 122, 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(243, 122, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 122, 217) }
```

Border

The CSS property to change the border of an element to RYB 243, 122, 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(243, 122, 217) }
```

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

```
.border{ border-color:rgb(243, 122, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 122, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 122, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 122, 217);  
box-shadow:4px 4px 4px 4px rgb(243, 122,  
217) }
```

Background

The CSS property to change the background color of an element to RYB 243, 122, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 122, 217) }
```

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

```
.background{ background-color: rgb(243,  
122, 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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