

Converting Colors

`RYB(237, 124, 244)`

Have a look what the booklet for
RYB(237, 124, 244) contains.

RYB(237, 124, 244)	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

R_YB(237, 124, 244)

Conversions

Conversions Part 1

Format	Color
Hex	ED7CF4
RGB	237, 124, 244
RGB Percent	93%, 49%, 96%
CMY	0.0706, 0.5137, 0.0431
CMYK	0.03, 0.49, 0.00, 0.04
HSL	296°, 85%, 72%
HSV	296°, 49%, 96%
XYZ	58.4618, 38.9515, 90.0251
YIQ	171.4670, 28.8280, 61.2760

Conversions

Conversions Part 2

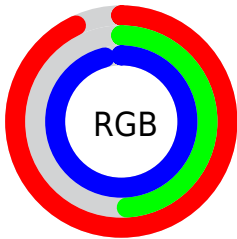
Format	Color
RYB	237, 124, 244
Decimal	15564020
CIELab	68.72, 60.07, -41.65
CIELCh	69, 73.094, 325.261
Yxy	38.9515, 0.3119, 0.2078
Android (android.graphics.Color)	4293754100 (0xFFED7CF4)
YUV	171.4670, 35.7588, 57.4724
Hunter-Lab	62.4111, 57.9853, -41.8352

Details

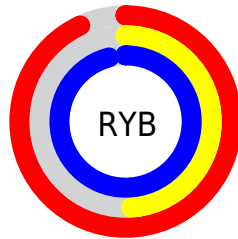
The RYB color **237, 124, 244** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **124, 244, 237**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **255, 180, 255**, and **179, 69, 187** is the 20% darker color. If you saturate the color by 10%, you get **236, 100, 244**, and if you desaturate by 10%, it is **238, 148, 244**.

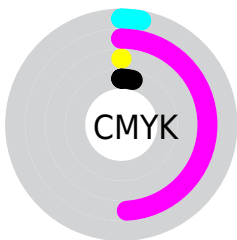
Distribution



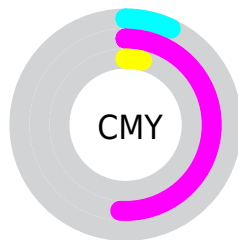
- Red (93%)
- Green (49%)
- Blue (96%)



- Red (93%)
- Yellow (49%)
- Blue (96%)



- Cyan (3%)
- Magenta (49%)
- Yellow (0%)
- Black (4%)




- Cyan (7%)
- Magenta (51%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 237, 124, 244 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 237, 124, 244 by changing the saturation by 10% instead.

 237, 124, 244

 237, 124, 244

255, 255, 255

 208, 96, 215

 255, 180, 255

 179, 69, 187

 255, 209, 255

 150, 39, 160

 255, 238, 255

 123, 0, 133


 95, 0, 108


 68, 0, 83


 45, 0, 59


 2, 0, 36

 0, 0, 12


 237, 124, 244


 237, 124, 244


 236, 100, 244


 238, 148, 244

 234, 75, 244

 240, 173, 244

 233, 51, 244

 241, 197, 244

 231, 26, 244

 243, 222, 244

 230, 2, 244

 244, 246, 246

 230, 0, 244

 244, 255, 253

 244, 255, 252

 244, 255, 251

 244, 255, 249

Harmonies

Analogous

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



146, 154, 255



237, 124, 244



255, 101, 181

Triad

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



237, 124, 244



62, 209, 0



0, 105, 222

Complementary

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



237, 124, 244



124, 244, 237

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, 111, 198



237, 124, 244



25, 180, 60

Square

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



237, 124, 244



255, 183, 57



43, 158, 192



0, 110, 255

Rectangle

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



237, 124, 244



255, 102, 137



43, 158, 192



0, 100, 201

Sweetspot

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



237, 124, 244



253, 217, 255



124, 132, 244



126, 105, 128



0, 0, 0



128, 128, 128

Same Dimension

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



237, 124, 244



246, 105, 255



244, 124, 192



122, 110, 122



175, 0, 186



55, 0, 59

Inverse Universe

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



244, 124, 131



255, 105, 113



124, 208, 244



122, 110, 111



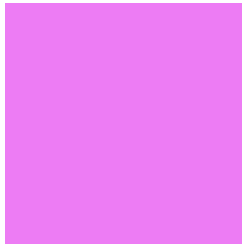
186, 0, 11



59, 0, 3

Previews

White Background



This preview shows how the RYB color 237, 124, 244 looks on a white background.

Color Contrast Check

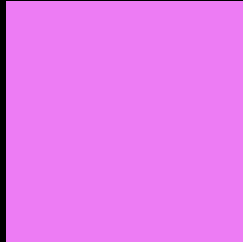
Large Text (above 18pt) WCAG AA × Fail

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 237, 124, 244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

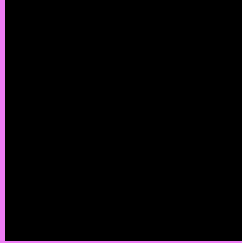
Any Text WCAG AA ✓ Pass

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 237, 124, 244 Background



This preview shows how black text looks on a background with the RYB color 237, 124, 244.

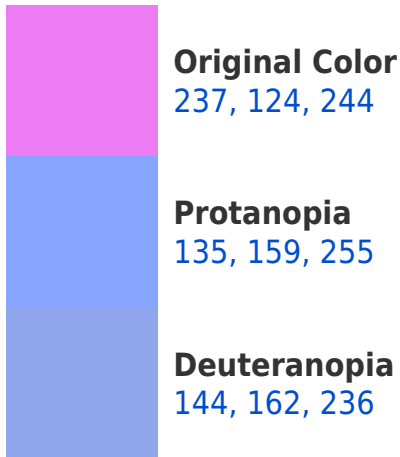



This preview shows how white text looks on a background with the RYB color 237, 124, 244.

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
226, 145, 156

Trichromacy



Original Color

237, 124, 244



Protanomaly

172, 150, 251



Deuteranomaly

178, 151, 239



Tritanomaly

230, 137, 188

Monochromacy



Original Color

237, 124, 244



Achromatopsia

171, 171, 171



Achromatomaly

195, 154, 198

CSS Examples

Text

The CSS property to change the color of the text to RYB 237, 124, 244 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(237, 124, 244) looks like.

```
.text, #text, p{  
    color:rgb(237, 124, 244)  
}
```

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(237, 124, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 124, 244) }
```

Border

The CSS property to change the border of an element to RYB 237, 124, 244 is called "border". The border property can be set on classes, ids or directly on the HTML element.

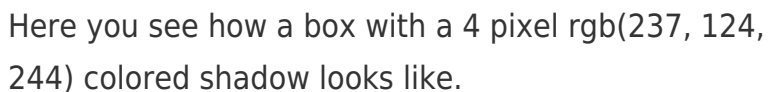
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(237, 124, 244) }
```

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

```
.border{ border-color:rgb(237, 124, 244) }
```

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



Here you see how a box with a 4 pixel `rgb(237, 124, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 124, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 124, 244); box-shadow:4px 4px 4px 4px rgb(237, 124, 244) }
```

Background

The CSS property to change the background color of an element to RYB 237, 124, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 124, 244) }
```

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

```
.background{ background-color: rgb(237,  
124, 244) }
```

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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