

Converting Colors

`RYB(235, 121, 132)`

Have a look what the booklet for
RYB(235, 121, 132) contains.

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Color

`RYB(235, 121, 132)`

Conversions

Conversions Part 1

Format	Color
Hex	EB7984
RGB	235, 121, 132
RGB Percent	92%, 47%, 52%
CMY	0.0784, 0.5255, 0.4824
CMYK	0.00, 0.49, 0.44, 0.08
HSL	354°, 74%, 70%
HSV	354°, 49%, 92%
XYZ	45.2632, 33.0029, 25.8144
YIQ	156.3400, 64.4130, 27.5890

Conversions

Conversions Part 2

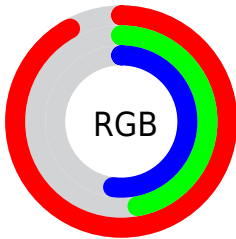
Format	Color
RYB	235, 121, 132
Decimal	15432068
CIELab	64.16, 44.92, 14.43
CIElCh	64, 47.185, 17.806
Yxy	33.0029, 0.4349, 0.3171
Android (android.graphics.Color)	4293622148 (0xFFEB7984)
YUV	156.3400, -11.9996, 68.9848
Hunter-Lab	57.4481, 40.1054, 13.5717

Details

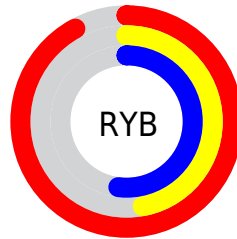
The RYB color **235, 121, 132** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **121, 181, 235**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **255, 176, 185**, and **175, 68, 83** is the 20% darker color. If you saturate the color by 10%, you get **235, 98, 111**, and if you desaturate by 10%, it is **235, 145, 153**.

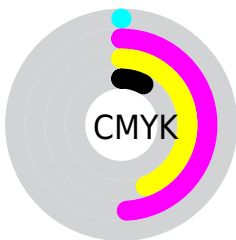
Distribution



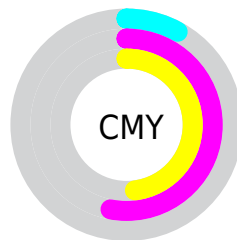
- Red (92%)
- Green (47%)
- Blue (52%)



- Red (92%)
- Yellow (47%)
- Blue (52%)



- Cyan (0%)
- Magenta (49%)
- Yellow (44%)
- Black (8%)



- Cyan (8%)
- Magenta (53%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RYB color 235, 121, 132 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 235, 121, 132 by changing the saturation by 10% instead.

 235, 121, 132

 235, 121, 132

255, 255, 255

 205, 94, 107

 255, 176, 185

 175, 68, 83

 255, 204, 213

 146, 41, 60

 255, 233, 241

 118, 8, 38


 90, 0, 18

 63, 0, 0

 34, 0, 1

 0, 0, 0

 235, 121, 132

 235, 121, 132

 235, 98, 111

 235, 145, 153

 235, 74, 90

 235, 168, 174

 235, 51, 68

 235, 192, 196

 235, 27, 47

 235, 215, 217

 235, 4, 26

 235, 237, 238

 235, 0, 23

 235, 245, 255

Harmonies

Analogous

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



225, 122, 175



235, 121, 132



223, 147, 95

Triad

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



235, 121, 132



97, 171, 160



0, 97, 237

Complementary

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



235, 121, 132



121, 181, 235

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, 97, 217



235, 121, 132



27, 113, 176

Square

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



235, 121, 132



72, 161, 77



0, 89, 180



131, 148, 236

Rectangle

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



235, 121, 132



204, 206, 77



0, 89, 180



0, 98, 233

Sweetspot

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



235, 121, 132



255, 217, 220



224, 121, 235



128, 105, 107



0, 0, 0



128, 128, 128

Same Dimension

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



235, 121, 132



255, 107, 121



235, 198, 121



117, 106, 107



181, 0, 17



54, 0, 5

Inverse Universe

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



235, 121, 132



255, 107, 121



121, 164, 235



117, 106, 107



181, 0, 17



54, 0, 5

Previews

White Background



This preview shows how the RYB color 235, 121, 132 looks on a white background.

Color Contrast Check

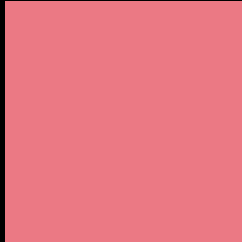
Large Text (above 18pt) WCAG AA × Fail

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 235, 121, 132 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 235, 121, 132 Background



This preview shows how black text looks on a background with the RYB color 235, 121, 132.



This preview shows how white text looks on a background with the RYB color 235, 121, 132.

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
235, 121, 132

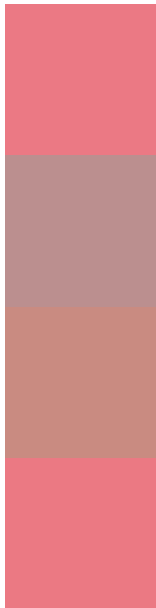
Protanopia
160, 160, 150

Deuteranopia
181, 167, 127



Tritanopia
235, 121, 130

Trichromacy



Original Color
235, 121, 132

Protanomaly
187, 143, 143

Deuteranomaly
201, 141, 129

Tritanomaly
235, 121, 131

Monochromacy



Original Color
235, 121, 132

Achromatopsia
156, 156, 156

Achromatomaly
185, 143, 147

CSS Examples

Text

The CSS property to change the color of the text to RYB 235, 121, 132 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(235, 121, 132) looks like.

```
.text, #text, p{  
    color:rgb(235, 121, 132)  
}
```

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(235, 121, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 121, 132) }
```

Border

The CSS property to change the border of an element to RYB 235, 121, 132 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(235, 121, 132) }
```

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

```
.border{ border-color:rgb(235, 121, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 121, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 121, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 121, 132);  
box-shadow:4px 4px 4px 4px rgb(235, 121,  
132) }
```

Background

The CSS property to change the background color of an element to RGB 235, 121, 132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 121, 132) }
```

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

```
.background{ background-color: rgb(235,  
121, 132) }
```

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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