

Converting Colors

RGB(235, 162, 207)

Have a look what the booklet for
RGB(235, 162, 207) contains.

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Color

RGB(235, 162, 207)

Conversions

Conversions Part 1

Format	Color
Hex	EBA2CF
RGB	235, 162, 207
RGB Percent	92%, 64%, 81%
CMY	0.0784, 0.3647, 0.1882
CMYK	0.00, 0.31, 0.12, 0.08
HSL	323°, 65%, 78%
HSV	323°, 31%, 92%
XYZ	58.4438, 48.0078, 65.2176
YIQ	188.9570, 29.0630, 29.4710

Conversions

Conversions Part 2

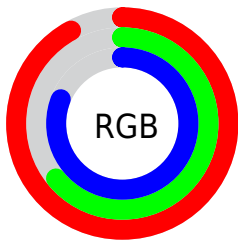
Format	Color
R_{YB}	235, 162, 207
Decimal	15442639
CIE _{Lab}	74.83, 33.67, -11.99
CIE _{LCh}	75, 35.739, 340.404
Yxy	48.0078, 0.3404, 0.2797
Android (android.graphics.Color)	4293632719 (0xFFEBA2CF)
YUV	188.9570, 8.8952, 40.3797
Hunter-Lab	69.2877, 29.3103, -7.3058

Details

The RGB color **235, 162, 207** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **162, 235, 190**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **255, 218, 255**, and **178, 109, 153** is the 20% darker color. If you saturate the color by 10%, you get **235, 139, 198**, and if you desaturate by 10%, it is **235, 186, 216**.

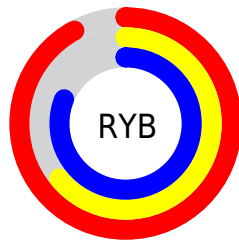
Distribution



Red (92%)

Green (64%)

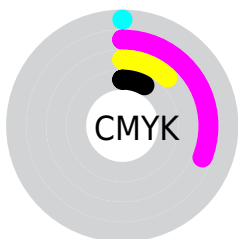
Blue (81%)



Red (92%)

Yellow (64%)

Blue (81%)

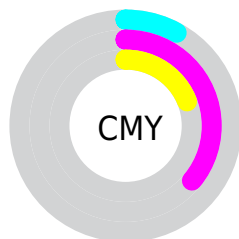


Cyan (0%)

Magenta (31%)

Yellow (12%)

Black (8%)



Cyan (8%)

Magenta (36%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RGB color 235, 162, 207 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 RGB color 235, 162, 207 by changing the saturation by 10% instead.


 235, 162, 207

 235, 162, 207


255, 255, 255

 206, 135, 179

 255, 218, 255

 178, 109, 153

 255, 246, 255

 151, 84, 127

 124, 59, 102

 98, 35, 78

 73, 9, 55


 49, 0, 33

 22, 0, 8

 0, 0, 0

 235, 162, 207

 235, 162, 207

 235, 139, 198

 235, 186, 216

 235, 115, 189

 235, 209, 225

 235, 92, 180


 235, 233, 234

 235, 68, 171

 235, 255, 243

 235, 45, 162

 235, 255, 252

 235, 21, 153

 235, 255, 255

 235, 0, 145

Harmonies

Analogous

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



203, 172, 234



235, 162, 207



249, 159, 174

Triad

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



235, 162, 207



195, 186, 119



69, 200, 226

Complementary

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



235, 162, 207



162, 235, 190

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.



81, 202, 195



235, 162, 207



159, 195, 133

Square

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



235, 162, 207



225, 175, 123



119, 200, 161



105, 194, 245

Rectangle

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



235, 162, 207



248, 162, 153



119, 200, 161



67, 201, 216

Sweetspot

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



235, 162, 207



255, 232, 246



190, 162, 235



128, 113, 122



0, 0, 0



128, 128, 128

Same Dimension

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



235, 162, 207



255, 161, 219



235, 162, 171



117, 106, 113



181, 0, 112



54, 0, 33

Inverse Universe

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



235, 162, 207



255, 161, 219



162, 235, 226



117, 106, 113



181, 0, 112



54, 0, 33

Previews

White Background



This preview shows how the RGB color 235, 162, 207 looks on a white background.

Color Contrast Check

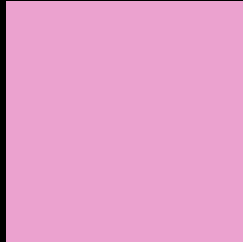
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 235, 162, 207 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](#).

RGB 235, 162, 207 Background



This preview shows how black text looks on a background with the RGB color 235, 162, 207.



This preview shows how white text looks on a background with the RGB color 235, 162, 207.

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, 162, 207

Protanopia
177, 183, 221

Deuteranopia
194, 180, 204



Tritanopia
232, 167, 180

Trichromacy



Original Color

235, 162, 207



Protanomaly

198, 175, 216



Deuteranomaly

209, 173, 205



Tritanomaly

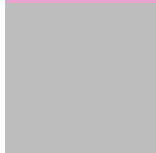
233, 165, 190

Monochromacy



Original Color

235, 162, 207



Achromatopsia

189, 189, 189



Achromatomaly

206, 179, 196

CSS Examples

Text

The CSS property to change the color of the text to RGB 235, 162, 207 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, 162, 207) looks like.

```
.text, #text, p{  
    color:rgb(235, 162, 207)  
}
```

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, 162, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 162, 207) }
```

Border

The CSS property to change the border of an element to RGB 235, 162, 207 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, 162, 207) }
```

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

```
.border{ border-color:rgb(235, 162, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 162, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 162, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 162, 207);  
box-shadow:4px 4px 4px 4px rgb(235, 162,  
207) }
```

Background

The CSS property to change the background color of an element to RGB 235, 162, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 162, 207) }
```

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

```
.background{ background-color: rgb(235,  
162, 207) }
```

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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