

Converting Colors

`RYB(215, 117, 143)`

Have a look what the booklet for RYB(215, 117, 143) contains.

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Color

$\text{RYB}(215, 117, 143)$

Conversions

Conversions Part 1

Format	Color
Hex	D7758F
RGB	215, 117, 143
RGB Percent	84%, 46%, 56%
CMY	0.1569, 0.5412, 0.4392
CMYK	0.00, 0.46, 0.33, 0.16
HSL	344°, 55%, 65%
HSV	344°, 46%, 84%
XYZ	39.3435, 29.1528, 29.5400
YIQ	149.2660, 50.0620, 28.8620

Conversions

Conversions Part 2

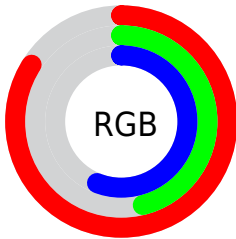
Format	Color
RYB	215, 117, 143
Decimal	14120335
CIELab	60.92, 41.10, 3.14
CIElCh	61, 41.218, 4.370
Yxy	29.1528, 0.4013, 0.2974
Android (android.graphics.Color)	4292310415 (0xFFD7758F)
YUV	149.2660, -3.0891, 57.6487
Hunter-Lab	53.9934, 35.5799, 5.3575

Details

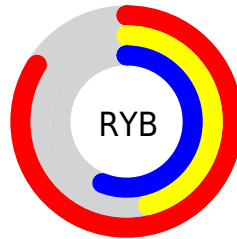
The RYB color **215, 117, 143** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **117, 173, 215**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **255, 171, 197**, and **157, 65, 93** is the 20% darker color. If you saturate the color by 10%, you get **215, 95, 127**, and if you desaturate by 10%, it is **215, 139, 159**.

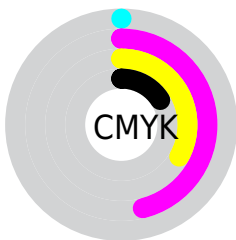
Distribution



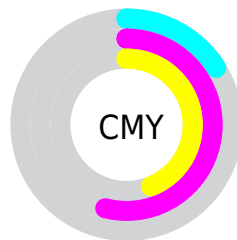
- Red (84%)
- Green (46%)
- Blue (56%)



- Red (84%)
- Yellow (46%)
- Blue (56%)



- Cyan (0%)
- Magenta (46%)
- Yellow (33%)
- Black (16%)



- Cyan (16%)
- Magenta (54%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 215, 117, 143 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 215, 117, 143 by changing the saturation by 10% instead.

 215, 117, 143

255, 255, 255

 255, 171, 197

 255, 199, 225

 255, 227, 253

 215, 117, 143

 186, 91, 117

 157, 65, 93

 130, 39, 69

 102, 8, 47

 75, 0, 27

 52, 0, 1

 5, 0, 0


 0, 0, 0

 215, 117, 143


 215, 117, 143

 215, 95, 127

 215, 139, 159

 215, 74, 111


 215, 160, 175

 215, 52, 96

 215, 182, 190

 215, 31, 80

 215, 203, 206

 215, 9, 64

 215, 221, 225

 215, 0, 57

 215, 233, 246

 215, 235, 255

 215, 235, 255

Harmonies

Analogous

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



197, 123, 179



215, 117, 143



213, 124, 108

Triad

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



215, 117, 143



85, 157, 116



0, 91, 212

Complementary

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



215, 117, 143



117, 173, 215

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, 88, 187



215, 117, 143



79, 138, 163

Square

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



215, 117, 143



94, 164, 73



0, 87, 166



97, 133, 219

Rectangle

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



215, 117, 143



202, 151, 89



0, 87, 166



0, 90, 205

Sweetspot

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



215, 117, 143



255, 219, 229



189, 117, 215



128, 106, 112



0, 0, 0



128, 128, 128

Same Dimension

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



215, 117, 143



255, 115, 152



215, 147, 117



107, 96, 99



171, 0, 45



43, 0, 12

Inverse Universe

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



215, 117, 143



255, 115, 152



117, 159, 215



107, 96, 99



171, 0, 45



43, 0, 12

Previews

White Background



This preview shows how the RYB color 215, 117, 143 looks on a white background.

Color Contrast Check

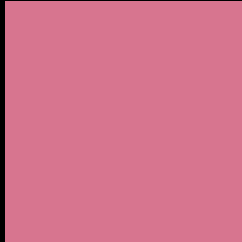
Large Text (above 18pt) WCAG AA ✓ Pass

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 215, 117, 143 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 215, 117, 143 Background



This preview shows how black text looks on a background with the RYB color 215, 117, 143.

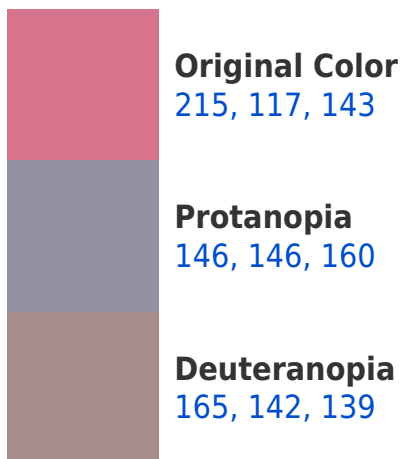


This preview shows how white text looks on a background with the RYB color 215, 117, 143.

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
214, 120, 128

Trichromacy



Original Color
215, 117, 143

Protanomaly
171, 135, 154

Deuteranomaly
183, 133, 140

Tritanomaly
214, 119, 133

Monochromacy



Original Color
215, 117, 143

Achromatopsia
149, 149, 149

Achromatomaly
173, 137, 147

CSS Examples

Text

The CSS property to change the color of the text to RYB 215, 117, 143 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(215, 117, 143) looks like.

```
.text, #text, p{  
    color:rgb(215, 117, 143)  
}
```

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(215, 117, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 117, 143) }
```

Border

The CSS property to change the border of an element to RYB 215, 117, 143 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(215, 117, 143) }
```

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

```
.border{ border-color:rgb(215, 117, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 117, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 117, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 117, 143);  
box-shadow:4px 4px 4px 4px rgb(215, 117,  
143) }
```

Background

The CSS property to change the background color of an element to RGB 215, 117, 143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 117, 143) }
```

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

```
.background{ background-color: rgb(215,  
117, 143) }
```

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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