

Converting Colors

`RYB(215, 115, 167)`

Have a look what the booklet for
RYB(215, 115, 167) contains.

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Color

$\text{RYB}(215, 115, 167)$

Conversions

Conversions Part 1

Format	Color
Hex	D773A7
RGB	215, 115, 167
RGB Percent	84%, 45%, 65%
CMY	0.1569, 0.5490, 0.3451
CMYK	0.00, 0.47, 0.22, 0.16
HSL	329°, 56%, 65%
HSV	329°, 47%, 84%
XYZ	41.1301, 29.4986, 40.0852
YIQ	150.8280, 42.9080, 37.3720

Conversions

Conversions Part 2

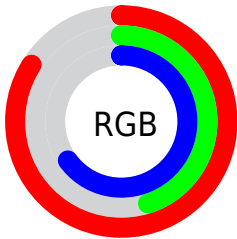
Format	Color
RYB	215, 115, 167
Decimal	14119847
CIELab	61.22, 45.35, -10.20
CIELCh	61, 46.483, 347.318
Yxy	29.4986, 0.3715, 0.2664
Android (android.graphics.Color)	4292309927 (0xFFD773A7)
YUV	150.8280, 7.9728, 56.2788
Hunter-Lab	54.3126, 40.1284, -5.7400

Details

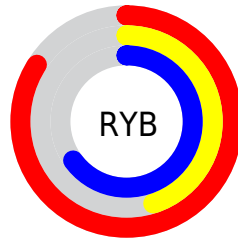
The RYB color **215, 115, 167** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **115, 183, 215**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **255, 169, 222**, and **158, 63, 115** is the 20% darker color. If you saturate the color by 10%, you get **215, 94, 157**, and if you desaturate by 10%, it is **215, 137, 177**.

Distribution



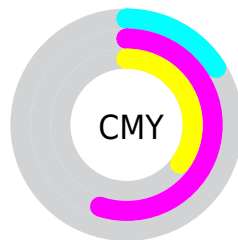
- Red (84%)
- Green (45%)
- Blue (65%)



- Red (84%)
- Yellow (45%)
- Blue (65%)



- Cyan (0%)
- Magenta (47%)
- Yellow (22%)
- Black (16%)




- Cyan (16%)
- Magenta (55%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 215, 115, 167 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, 115, 167 by changing the saturation by 10% instead.

 215, 115, 167

255, 255, 255

 255, 169, 222

 255, 197, 251

 255, 226, 255

 215, 115, 167

 186, 89, 141

 158, 63, 115

 130, 36, 90

 103, 0, 67

 77, 0, 45

 53, 0, 25

 18, 0, 0

 0, 0, 0

 215, 115, 167

 215, 115, 167

■ 215, 94, 157

■ 215, 137, 177

■ 215, 72, 146

■ 215, 158, 188

■ 215, 51, 136

■ 215, 180, 198

■ 215, 29, 126

■ 215, 201, 208

■ 215, 8, 115

■ 215, 220, 223

■ 215, 0, 112

■ 215, 235, 244

■ 215, 240, 255

■ 215, 236, 255

■ 215, 235, 255

Harmonies

Analogous

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



181, 128, 204



215, 115, 167



225, 114, 125

Triad

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



215, 115, 167



66, 153, 70



0, 92, 207

Complementary

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



215, 115, 167



115, 183, 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, 85, 171



215, 115, 167



90, 162, 150

Square

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



215, 115, 167



146, 187, 66



18, 104, 167



0, 93, 228

Rectangle

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



215, 115, 167



220, 124, 100



18, 104, 167



0, 90, 196

Sweetspot

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



215, 115, 167



255, 219, 238



162, 115, 215



128, 106, 117



0, 0, 0



128, 128, 128

Same Dimension

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



215, 115, 167



255, 112, 186



215, 115, 118



107, 96, 102



171, 0, 89



43, 0, 23

Inverse Universe

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



215, 115, 167



255, 112, 186



115, 166, 215



107, 96, 102



171, 0, 89



43, 0, 23

Previews

White Background



This preview shows how the RYB color 215, 115, 167 looks on a white background.

Color Contrast Check

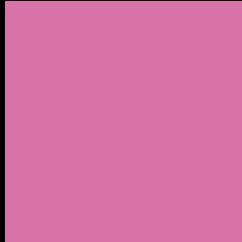
Large Text (above 18pt) WCAG AA ✓ Pass

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, 115, 167 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, 115, 167 Background



This preview shows how black text looks on a background with the RYB color 215, 115, 167.

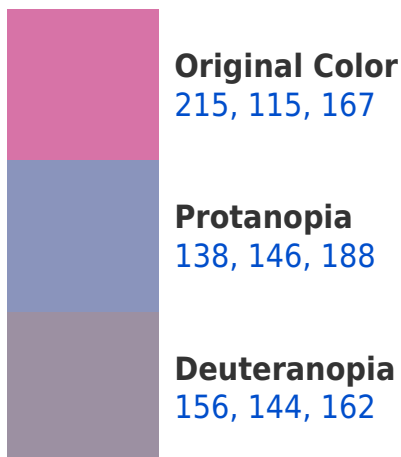


This preview shows how white text looks on a background with the RYB color 215, 115, 167.

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
211, 122, 131

Trichromacy



Original Color

215, 115, 167



Protanomaly

166, 135, 180



Deuteranomaly

177, 133, 164



Tritanomaly

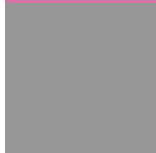
212, 119, 144

Monochromacy



Original Color

215, 115, 167



Achromatopsia

151, 151, 151



Achromatomaly

174, 138, 157

CSS Examples

Text

The CSS property to change the color of the text to RYB 215, 115, 167 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, 115, 167)` looks like.

```
.text, #text, p{  
    color:rgb(215, 115, 167)  
}
```

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, 115, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 115, 167) }
```

Border

The CSS property to change the border of an element to RYB 215, 115, 167 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, 115, 167) }
```

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

```
.border{ border-color:rgb(215, 115, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 115, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 115, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 115, 167);  
box-shadow:4px 4px 4px 4px rgb(215, 115,  
167) }
```

Background

The CSS property to change the background color of an element to RYB 215, 115, 167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 115, 167) }
```

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

```
.background{ background-color: rgb(215,  
115, 167) }
```

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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