

Converting Colors

`RYB(215, 102, 125)`

Have a look what the booklet for
RYB(215, 102, 125) contains.

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Color

`RYB(215, 102, 125)`

Conversions

Conversions Part 1

Format	Color
Hex	D7667D
RGB	215, 102, 125
RGB Percent	84%, 40%, 49%
CMY	0.1569, 0.6000, 0.5098
CMYK	0.00, 0.53, 0.42, 0.16
HSL	348°, 59%, 62%
HSV	348°, 53%, 84%
XYZ	36.4774, 25.4305, 22.3880
YIQ	138.4090, 59.9650, 31.1090

Conversions

Conversions Part 2

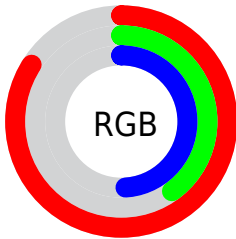
Format	Color
R_{YB}	215, 102, 125
Decimal	14116477
CIE _{Lab}	57.49, 46.58, 8.67
CIE _{LCh}	57, 47.377, 10.540
Yxy	25.4305, 0.4327, 0.3017
Android (android.graphics.Color)	4292306557 (0xFFD7667D)
YUV	138.4090, -6.6106, 67.1703
Hunter-Lab	50.4286, 40.8672, 8.9780

Details

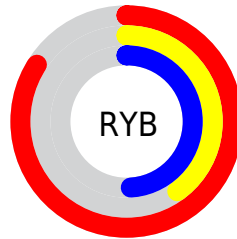
The RYB color **215, 102, 125** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **102, 165, 215**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **255, 156, 177**, and **156, 49, 76** is the 20% darker color. If you saturate the color by 10%, you get **215, 81, 108**, and if you desaturate by 10%, it is **215, 124, 142**.

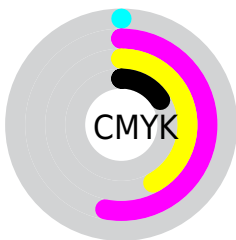
Distribution



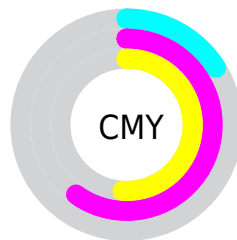
- Red (84%)
- Green (40%)
- Blue (49%)



- Red (84%)
- Yellow (40%)
- Blue (49%)



- Cyan (0%)
- Magenta (53%)
- Yellow (42%)
- Black (16%)



- Cyan (16%)
- Magenta (60%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 215, 102, 125 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, 102, 125 by changing the saturation by 10% instead.

 215, 102, 125

255, 255, 255


 255, 156, 177

 255, 184, 205

 255, 212, 233

 255, 241, 255

 215, 102, 125

 185, 76, 100

 156, 49, 76

 128, 18, 54

 100, 0, 33

 72, 0, 9

 47, 0, 2


 0, 0, 0

 215, 102, 125


 215, 81, 108

 215, 102, 125


 215, 124, 142

 215, 59, 91


 215, 145, 159

 215, 37, 74

 215, 167, 176

 215, 16, 57

 215, 188, 193

 215, 0, 44

 215, 210, 211

 215, 224, 231

 215, 235, 252

 215, 235, 255

Harmonies

Analogous

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



200, 106, 167



215, 102, 125



208, 117, 86

Triad

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



215, 102, 125



72, 151, 120



0, 89, 216

Complementary

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



215, 102, 125



102, 165, 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, 86, 191



215, 102, 125



30, 108, 157

Square

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



215, 102, 125



60, 148, 52



0, 81, 159



91, 125, 219

Rectangle

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



215, 102, 125



193, 163, 66



0, 81, 159



0, 88, 209

Sweetspot

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



215, 102, 125



255, 214, 223



191, 102, 215



128, 103, 108



0, 0, 0



128, 128, 128

Same Dimension

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



215, 102, 125



255, 94, 127



215, 147, 102



107, 96, 99



171, 0, 35



43, 0, 9

Inverse Universe

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



215, 102, 125



255, 94, 127



102, 149, 215



107, 96, 99



171, 0, 35



43, 0, 9

Previews

White Background



This preview shows how the RYB color 215, 102, 125 looks on a white background.

Color Contrast Check

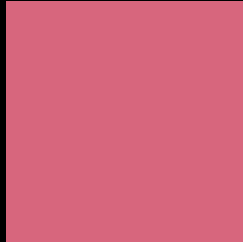
Large Text (above 18pt) WCAG AA ✓ Pass

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, 102, 125 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, 102, 125 Background



This preview shows how black text looks on a background with the RYB color 215, 102, 125.

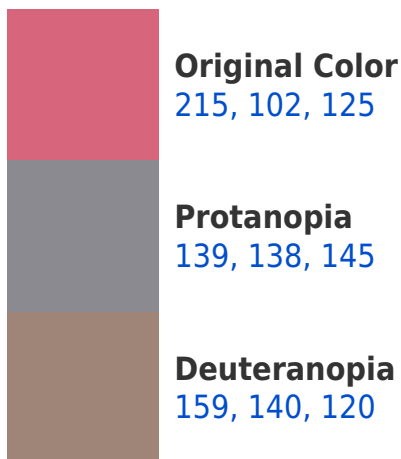



This preview shows how white text looks on a background with the RYB color 215, 102, 125.

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, 104, 112

Trichromacy



Original Color
215, 102, 125

Protanomaly
167, 125, 138

Deuteranomaly
179, 122, 122

Tritanomaly
214, 103, 117

Monochromacy



Original Color
215, 102, 125

Achromatopsia
138, 138, 138

Achromatomaly
166, 125, 133

CSS Examples

Text

The CSS property to change the color of the text to RYB 215, 102, 125 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, 102, 125)` looks like.

```
.text, #text, p{  
    color:rgb(215, 102, 125)  
}
```

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, 102, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 102, 125) }
```

Border

The CSS property to change the border of an element to RYB 215, 102, 125 is called "border". The border property can be set on classes, ids or directly on the HTML element.

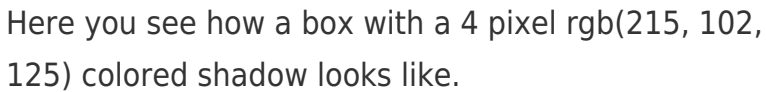
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 102, 125) }
```

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

```
.border{ border-color:rgb(215, 102, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(215, 102, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 102, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 102, 125); box-shadow:4px 4px 4px 4px rgb(215, 102, 125) }
```

Background

The CSS property to change the background color of an element to RYB 215, 102, 125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 102, 125) }
```

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

```
.background{ background-color: rgb(215,  
102, 125) }
```

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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