

Converting Colors

`RYB(215, 91, 141)`

Have a look what the booklet for
RYB(215, 91, 141) contains.

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Color

R_YB(215, 91, 141)

Conversions

Conversions Part 1

Format	Color
Hex	D75B8D
RGB	215, 91, 141
RGB Percent	84%, 36%, 55%
CMY	0.1569, 0.6431, 0.4471
CMYK	0.00, 0.58, 0.34, 0.16
HSL	336°, 61%, 60%
HSV	336°, 58%, 84%
XYZ	36.5731, 23.8523, 27.8756
YIQ	133.7760, 57.8540, 41.8380

Conversions

Conversions Part 2

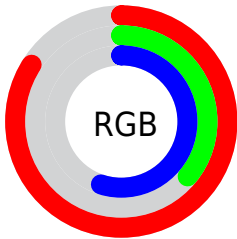
Format	Color
R_{YB}	215, 91, 141
Decimal	14113677
CIE Lab	55.94, 53.59, -2.96
CIE LCh	56, 53.670, 356.838
Yxy	23.8523, 0.4142, 0.2701
Android (android.graphics.Color)	4292303757 (0xFFD75B8D)
YUV	133.7760, 3.5614, 71.2334
Hunter-Lab	48.8388, 48.2023, 0.3464

Details

The RYB color **215, 91, 141** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **91, 169, 215**, and the grayscale version is **134, 134, 134**.

A 20% lighter version of the original color is **255, 146, 195**, and **156, 33, 91** is the 20% darker color. If you saturate the color by 10%, you get **215, 70, 128**, and if you desaturate by 10%, it is **215, 113, 154**.

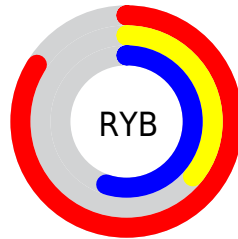
Distribution



Red (84%)

Green (36%)

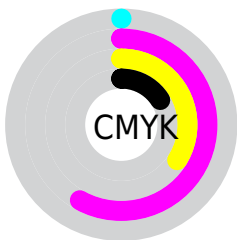
Blue (55%)



Red (84%)

Yellow (36%)

Blue (55%)

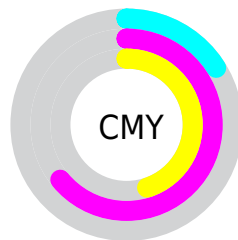


Cyan (0%)

Magenta (58%)

Yellow (34%)

Black (16%)



Cyan (16%)

Magenta (64%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 215, 91, 141 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, 91, 141 by changing the saturation by 10% instead.



215, 91, 141



215, 91, 141

255, 255, 255



185, 63, 116



255, 146, 195



156, 33, 91



255, 174, 222



128, 0, 68



255, 202, 251



100, 0, 46



255, 231, 255



72, 0, 25



47, 0, 2



0, 0, 0



215, 91, 141



215, 91, 141




215, 70, 128




215, 113, 154

 215, 48, 115


 215, 134, 167


 215, 27, 103

 215, 156, 179

 215, 5, 90

 215, 177, 192

 215, 0, 87

 215, 199, 205

 215, 218, 220

 215, 232, 242

 215, 238, 255

 215, 235, 255

Harmonies

Analogous

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



186, 104, 186



215, 91, 141



217, 95, 95

Triad

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



215, 91, 141



44, 144, 71



0, 88, 211

Complementary

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



215, 91, 141



91, 169, 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, 82, 175



215, 91, 141



53, 130, 152

Square

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



215, 91, 141



76, 163, 32



0, 86, 156



0, 87, 227

Rectangle

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



215, 91, 141



206, 120, 68



0, 86, 156



0, 87, 201

Sweetspot

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



215, 91, 141



255, 212, 229



163, 91, 215



128, 102, 112



0, 0, 0



128, 128, 128

Same Dimension

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



215, 91, 141



255, 79, 150



215, 102, 91



107, 96, 101



171, 0, 69



43, 0, 17

Inverse Universe

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



215, 91, 141



255, 79, 150



91, 150, 215



107, 96, 101



171, 0, 69



43, 0, 17

Previews

White Background



This preview shows how the RYB color 215, 91, 141 looks on a white background.

Color Contrast Check

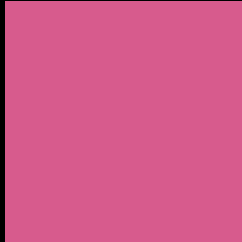
Large Text (above 18pt) WCAG AA ✓ Pass

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, 91, 141 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, 91, 141 Background



This preview shows how black text looks on a background with the RYB color 215, 91, 141.

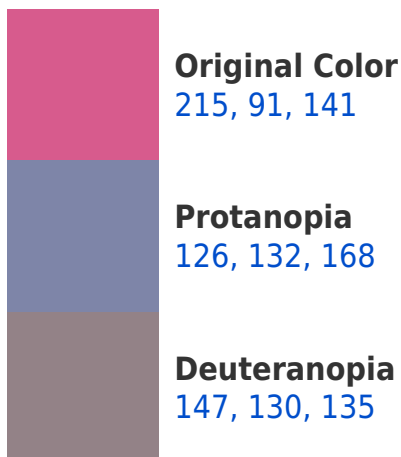


This preview shows how white text looks on a background with the RYB color 215, 91, 141.

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](#).

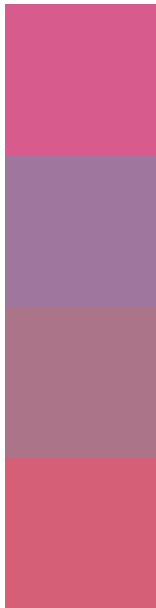
Dichromacy





Tritanopia
212, 98, 105

Trichromacy



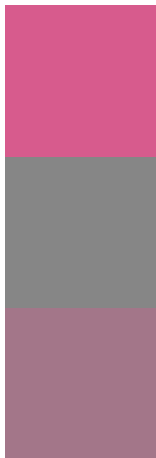
Original Color
215, 91, 141

Protanomaly
158, 118, 158

Deuteranomaly
172, 116, 137

Tritanomaly
213, 95, 118

Monochromacy



Original Color
215, 91, 141

Achromatopsia
134, 134, 134

Achromatomaly
163, 118, 137

CSS Examples

Text

The CSS property to change the color of the text to RYB 215, 91, 141 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, 91, 141) looks like.

```
.text, #text, p{  
    color:rgb(215, 91, 141)  
}
```

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, 91, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 91, 141) }
```

Border

The CSS property to change the border of an element to RYB 215, 91, 141 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, 91, 141) }
```

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

```
.border{ border-color:rgb(215, 91, 141) }
```

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

Here you see how a box with a 4 pixel rgb(215, 91, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 91, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 91, 141);  
box-shadow:4px 4px 4px 4px rgb(215, 91,  
141) }
```

Background

The CSS property to change the background color of an element to RGB 215, 91, 141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 91, 141) }
```

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

```
.background{ background-color: rgb(215, 91,  
141) }
```

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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