

Converting Colors

RGB(215, 75, 231)

Have a look what the booklet for
RGB(215, 75, 231) contains.

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Color

RGB(215, 75, 231)

Conversions

Conversions Part 1

Format	Color
Hex	D74BE7
RGB	215, 75, 231
RGB Percent	84%, 29%, 91%
CMY	0.1569, 0.7059, 0.0941
CMYK	0.07, 0.68, 0.00, 0.09
HSL	294°, 76%, 60%
HSV	294°, 68%, 91%
XYZ	44.9642, 25.2487, 78.1049
YIQ	134.6440, 33.3640, 78.1960

Conversions

Conversions Part 2

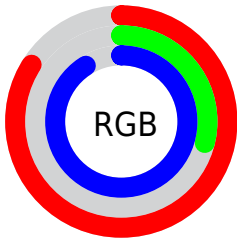
Format	Color
RYB	215, 75, 231
Decimal	14109671
CIELab	57.32, 73.57, -52.63
CIELCh	57, 90.457, 324.424
Yxy	25.2487, 0.3032, 0.1702
Android (android.graphics.Color)	4292299751 (0xFFD74BE7)
YUV	134.6440, 47.5035, 70.4722
Hunter-Lab	50.2481, 71.7953, -56.9858

Details

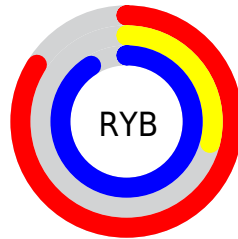
The RGB color **215, 75, 231** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **91, 231, 75**, and the grayscale version is **134, 134, 134**.

A 20% lighter version of the original color is **255, 134, 255**, and **156, 0, 175** is the 20% darker color. If you saturate the color by 10%, you get **213, 52, 231**, and if you desaturate by 10%, it is **217, 98, 231**.

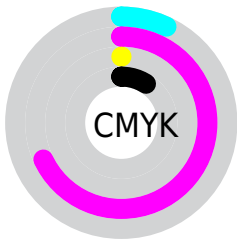
Distribution



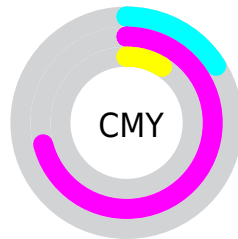
- Red (84%)
- Green (29%)
- Blue (91%)



- Red (84%)
- Yellow (29%)
- Blue (91%)



- Cyan (7%)
- Magenta (68%)
- Yellow (0%)
- Black (9%)




- Cyan (16%)
- Magenta (71%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 215, 75, 231 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 215, 75, 231 by changing the saturation by 10% instead.

 215, 75, 231

 215, 75, 231

255, 255, 255

 185, 41, 202

 255, 134, 255

 156, 0, 175


 255, 163, 255

 128, 0, 147

 255, 192, 255

 99, 0, 121

 255, 221, 255

 71, 0, 95

 255, 251, 255

 45, 0, 71

 5, 0, 47

 0, 1, 25

 0, 0, 0

■ 215, 75, 231

■ 215, 75, 231

■ 213, 52, 231

■ 217, 98, 231

■ 210, 29, 231

■ 220, 121, 231

■ 208, 6, 231

■ 222, 144, 231

■ 207, 0, 231

■ 224, 167, 231

■ 227, 191, 231

■ 229, 214, 231

■ 232, 237, 231

■ 234, 255, 231

■ 236, 255, 231

Harmonies

Analogous

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



81, 123, 255



215, 75, 231



255, 0, 156

Triad

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



215, 75, 231



179, 130, 0



0, 170, 201

Complementary

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



215, 75, 231



91, 231, 75

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, 169, 120



215, 75, 231



104, 152, 0

Square

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



215, 75, 231



236, 91, 0



0, 164, 29



0, 167, 255

Rectangle

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



215, 75, 231



255, 0, 104



0, 164, 29



0, 170, 175

Sweetspot

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



215, 75, 231



250, 204, 255



75, 93, 231



124, 97, 128



0, 0, 0



128, 128, 128

Same Dimension

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



215, 75, 231



234, 48, 255



231, 75, 171



114, 103, 115



160, 0, 179



46, 0, 51

Inverse Universe

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



231, 75, 91



255, 48, 70



75, 231, 135



115, 103, 104



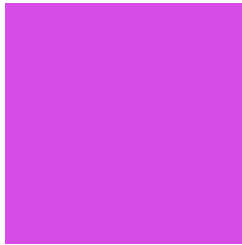
179, 0, 18



51, 0, 5

Previews

White Background



This preview shows how the RGB color 215, 75, 231 looks on a white background.

Color Contrast Check

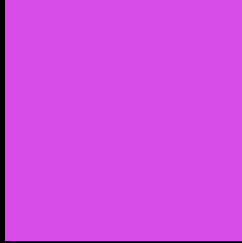
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RGB color 215, 75, 231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

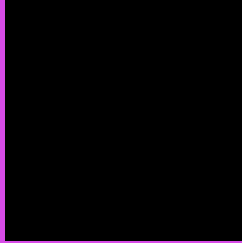
Any Text WCAG AA ✓ Pass

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](#).

RGB 215, 75, 231 Background



This preview shows how black text looks on a background with the RGB color 215, 75, 231.



This preview shows how white text looks on a background with the RGB color 215, 75, 231.

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
215, 75, 231

Protanopia
74, 134, 255

Deuteranopia
90, 138, 220



Tritanopia
201, 111, 119

Trichromacy



Original Color
215, 75, 231



Protanomaly
125, 113, 246



Deuteranomaly
135, 115, 224



Tritanomaly
206, 98, 160

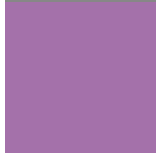
Monochromacy



Original Color
215, 75, 231



Achromatopsia
135, 135, 135



Achromatomaly
164, 113, 170

CSS Examples

Text

The CSS property to change the color of the text to RGB 215, 75, 231 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, 75, 231)` looks like.

```
.text, #text, p{  
  color:rgb(215, 75, 231)  
}
```

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, 75, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 75, 231) }
```

Border

The CSS property to change the border of an element to RGB 215, 75, 231 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, 75, 231) }
```

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

```
.border{ border-color:rgb(215, 75, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 75, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 75, 231); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 75, 231); box-shadow:4px 4px 4px 4px rgb(215, 75, 231) }
```

Background

The CSS property to change the background color of an element to RGB 215, 75, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 75, 231) }
```

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

```
.background{ background-color: rgb(215, 75,  
231) }
```

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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