

Converting Colors

`RYB(215, 193, 242)`

Have a look what the booklet for
RYB(215, 193, 242) contains.

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Color

R_YB(215, 193, 242)

Conversions

Conversions Part 1

Format	Color
Hex	D7C1F2
RGB	215, 193, 242
RGB Percent	84%, 76%, 95%
CMY	0.1569, 0.2431, 0.0510
CMYK	0.11, 0.20, 0.00, 0.05
HSL	267°, 65%, 85%
HSV	267°, 20%, 95%
XYZ	63.1213, 58.9978, 92.0653
YIQ	205.1640, -2.6170, 19.9030

Conversions

Conversions Part 2

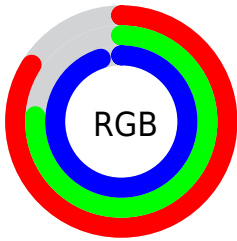
Format	Color
R _Y B	215, 193, 242
Decimal	14139890
CIE Lab	81.29, 16.88, -21.38
CIE LCh	81, 27.237, 308.284
Yxy	58.9978, 0.2947, 0.2755
Android (android.graphics.Color)	4292329970 (0xFFD7C1F2)
YUV	205.1640, 18.1601, 8.6262
Hunter-Lab	76.8100, 12.2710, -17.2986

Details

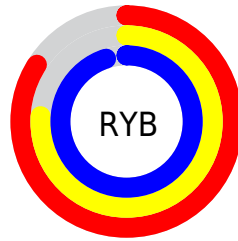
The RYB color **215, 193, 242** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **193, 242, 215**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is 255, 250, 255, and **160, 139, 186** is the 20% darker color. If you saturate the color by 10%, you get **202, 169, 242**, and if you desaturate by 10%, it is **228, 217, 242**.

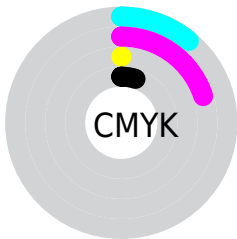
Distribution



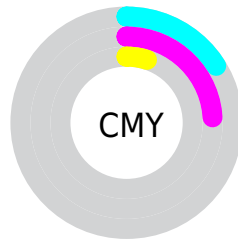
- Red (84%)
- Green (76%)
- Blue (95%)



- Red (84%)
- Yellow (76%)
- Blue (95%)



- Cyan (11%)
- Magenta (20%)
- Yellow (0%)
- Black (5%)



- Cyan (16%)
- Magenta (24%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 215, 193, 242 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, 193, 242 by changing the saturation by 10% instead.

 215, 193, 242

255, 255, 255

 255, 250, 255

 215, 193, 242

 187, 166, 214

 160, 139, 186


 133, 114, 159

 108, 89, 133

 83, 66, 107

 59, 43, 83

 37, 23, 60

 19, 0, 38

 0, 1, 15

■ 215, 193, 242

■ 215, 193, 242

■ 202, 169, 242

■ 228, 217, 242

■ 188, 145, 242

■ 242, 241, 242

■ 175, 120, 242

■ 242, 255, 242

■ 162, 96, 242

■ 148, 72, 242

■ 135, 48, 242

■ 122, 24, 242

■ 109, 0, 242

Harmonies

Analogous

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



181, 197, 252



215, 193, 242



241, 186, 221

Triad

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



215, 193, 242



237, 229, 155



134, 177, 216

Complementary

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



215, 193, 242



193, 242, 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.



157, 198, 215



215, 193, 242



164, 214, 151

Square

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



215, 193, 242



252, 190, 172



161, 210, 186



129, 176, 233

Rectangle

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



215, 193, 242



251, 184, 204



161, 210, 186



140, 183, 216

Sweetspot

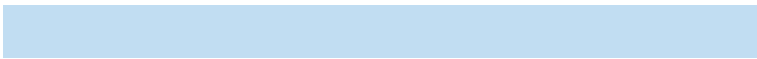
The Sweet Spot groups the original color and five complimentary colors.



215, 193, 242



247, 240, 255



193, 211, 242



123, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



215, 193, 242



221, 194, 255



239, 193, 242



113, 108, 120



82, 0, 184



25, 0, 56

Inverse Universe

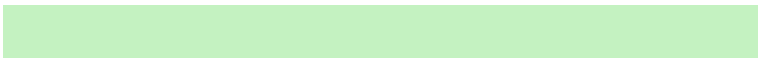
The Inverse Universe completely reimagines the original color for something new.



242, 193, 220



255, 194, 228



193, 242, 239



120, 108, 114



184, 0, 101



56, 0, 31

Previews

White Background



This preview shows how the RYB color 215, 193, 242 looks on a white background.

Color Contrast Check

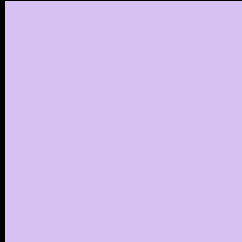
Large Text (above 18pt) WCAG AA × Fail

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, 193, 242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

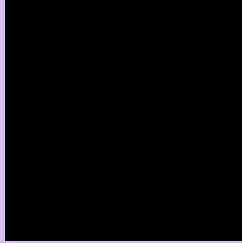
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

RYB 215, 193, 242 Background



This preview shows how black text looks on a background with the RYB color 215, 193, 242.



This preview shows how white text looks on a background with the RYB color 215, 193, 242.

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, 193, 242

Protanopia
191, 199, 247

Deuteranopia
202, 197, 241



Tritanopia
210, 198, 214

Trichromacy



Original Color
215, 193, 242

Protanomaly
200, 197, 245

Deuteranomaly
207, 196, 241

Tritanomaly
212, 196, 224

Monochromacy



Original Color
215, 193, 242

Achromatopsia
205, 205, 205

Achromatomaly
209, 201, 218

CSS Examples

Text

The CSS property to change the color of the text to RYB 215, 193, 242 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, 193, 242) looks like.

```
.text, #text, p{  
    color:rgb(215, 193, 242)  
}
```

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, 193, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 193, 242) }
```

Border

The CSS property to change the border of an element to RYB 215, 193, 242 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, 193, 242) }
```

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

```
.border{ border-color:rgb(215, 193, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 193, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 193, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 193, 242);  
box-shadow:4px 4px 4px 4px rgb(215, 193,  
242) }
```

Background

The CSS property to change the background color of an element to RGB 215, 193, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 193, 242) }
```

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

```
.background{ background-color: rgb(215,  
193, 242) }
```

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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