

Converting Colors

`RYB(221, 192, 230)`

Have a look what the booklet for RYB(221, 192, 230) contains.

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Color

R_YB(221, 192, 230)

Conversions

Conversions Part 1

Format	Color
Hex	DDC0E6
RGB	221, 192, 230
RGB Percent	87%, 75%, 90%
CMY	0.1333, 0.2471, 0.0980
CMYK	0.04, 0.17, 0.00, 0.10
HSL	286°, 43%, 83%
HSV	286°, 17%, 90%
XYZ	62.9514, 58.7846, 82.8916
YIQ	205.0030, 5.0860, 17.9660

Conversions

Conversions Part 2

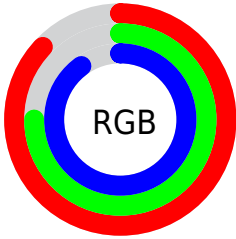
Format	Color
R _Y B	221, 192, 230
Decimal	14532838
CIE Lab	81.17, 16.99, -15.08
CIE LCh	81, 22.716, 318.408
Yxy	58.7846, 0.3076, 0.2873
Android (android.graphics.Color)	4292722918 (0xFFDDC0E6)
YUV	205.0030, 12.3235, 14.0294
Hunter-Lab	76.6711, 12.3842, -10.4305

Details

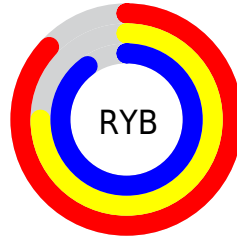
The RYB color **221, 192, 230** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **192, 230, 221**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **255, 248, 255**, and **166, 138, 174** is the 20% darker color. If you saturate the color by 10%, you get **216, 169, 230**, and if you desaturate by 10%, it is **226, 215, 230**.

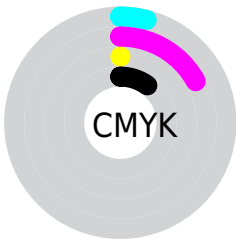
Distribution



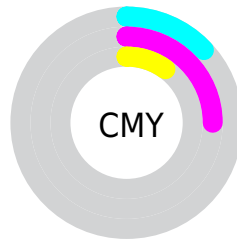
- Red (87%)
- Green (75%)
- Blue (90%)



- Red (87%)
- Yellow (75%)
- Blue (90%)



- Cyan (4%)
- Magenta (17%)
- Yellow (0%)
- Black (10%)



- Cyan (13%)
- Magenta (25%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RYB color 221, 192, 230 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 221, 192, 230 by changing the saturation by 10% instead.

 221, 192, 230

 221, 192, 230

255, 255, 255

 193, 165, 202

 255, 248, 255

 166, 138, 174

 139, 113, 148

 114, 88, 122


 89, 65, 97


 65, 42, 73


 42, 21, 51

 24, 0, 30


 0, 0, 0

 221, 192, 230

 221, 192, 230

 216, 169, 230

 226, 215, 230

 210, 146, 230


 230, 238, 236

 205, 123, 230


 230, 255, 248

 199, 100, 230


 230, 255, 242

 194, 77, 230

 230, 255, 237

 188, 54, 230

 230, 255, 231

 183, 31, 230

 230, 255, 230

 177, 8, 230

 176, 0, 230

Harmonies

Analogous

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



195, 199, 242



221, 192, 230



239, 187, 211

Triad

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



221, 192, 230



212, 226, 160



144, 179, 214

Complementary

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



221, 192, 230



192, 230, 221

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.



158, 192, 213



221, 192, 230



161, 204, 161

Square

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



221, 192, 230



241, 199, 171



173, 210, 203



147, 184, 233

Rectangle

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



221, 192, 230



245, 187, 196



173, 210, 203



147, 182, 214

Sweetspot

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



221, 192, 230



252, 242, 255



192, 200, 230



126, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



221, 192, 230



243, 204, 255



230, 192, 221



112, 103, 115



136, 0, 179



39, 0, 51

Inverse Universe

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



230, 192, 201



255, 204, 216



192, 222, 230



115, 103, 106



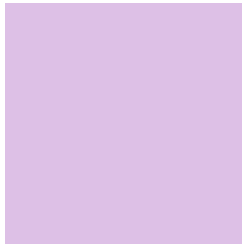
179, 0, 42



51, 0, 12

Previews

White Background



This preview shows how the RYB color 221, 192, 230 looks on a white background.

Color Contrast Check

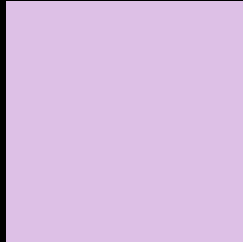
Large Text (above 18pt) WCAG AA × Fail

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 221, 192, 230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

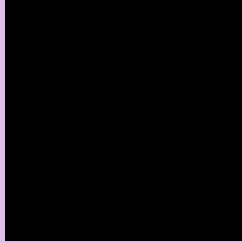
Any Text WCAG AA ✓ Pass

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 221, 192, 230 Background



This preview shows how black text looks on a background with the RYB color 221, 192, 230.

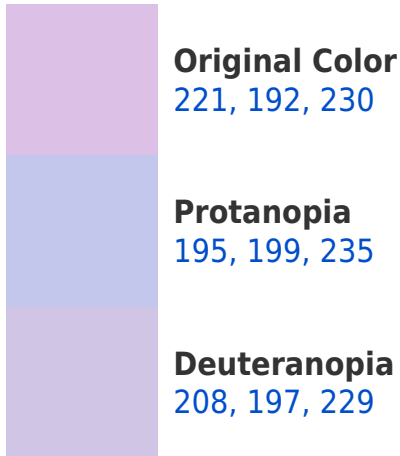



This preview shows how white text looks on a background with the RYB color 221, 192, 230.

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
218, 195, 211

Trichromacy



Original Color
221, 192, 230

Protanomaly
204, 197, 233

Deuteranomaly
213, 195, 229

Tritanomaly
219, 194, 218

Monochromacy



Original Color
221, 192, 230

Achromatopsia
205, 205, 205

Achromatomaly
211, 200, 214

CSS Examples

Text

The CSS property to change the color of the text to RYB 221, 192, 230 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(221, 192, 230)` looks like.

```
.text, #text, p{  
    color:rgb(221, 192, 230)  
}
```

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(221, 192, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 192, 230) }
```

Border

The CSS property to change the border of an element to RYB 221, 192, 230 is called "border". The border property can be set on classes, ids or directly on the HTML element.

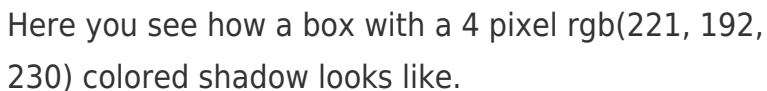
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(221, 192, 230) }
```

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

```
.border{ border-color:rgb(221, 192, 230) }
```

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



Here you see how a box with a 4 pixel `rgb(221, 192, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 192, 230); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 192, 230); box-shadow:4px 4px 4px 4px rgb(221, 192, 230) }
```

Background

The CSS property to change the background color of an element to RGB 221, 192, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 192, 230) }
```

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

```
.background{ background-color: rgb(221,  
192, 230) }
```

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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