

Converting Colors

`RYB(221, 193, 254)`

Have a look what the booklet for
RYB(221, 193, 254) contains.

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Color

R_YB(221, 193, 254)

Conversions

Conversions Part 1

Format	Color
Hex	DDC1FE
RGB	221, 193, 254
RGB Percent	87%, 76%, 100%
CMY	0.1333, 0.2431, 0.0039
CMYK	0.13, 0.24, 0.00, 0.00
HSL	268°, 97%, 88%
HSV	268°, 24%, 100%
XYZ	66.7782, 60.6678, 101.9564
YIQ	208.3260, -2.8930, 24.9070

Conversions

Conversions Part 2

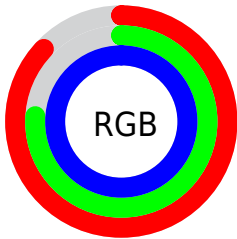
Format	Color
R _Y B	221, 193, 254
Decimal	14533118
CIE Lab	82.20, 21.22, -26.36
CIE LCh	82, 33.838, 308.841
Yxy	60.6678, 0.2911, 0.2645
Android (android.graphics.Color)	4292723198 (0xFFDDC1FE)
YUV	208.3260, 22.5173, 11.1151
Hunter-Lab	77.8896, 16.7292, -23.0871

Details

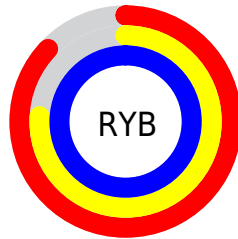
The RYB color **221, 193, 254** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **193, 254, 221**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is 255, 250, 255, and **165, 139, 197** is the 20% darker color. If you saturate the color by 10%, you get **207, 168, 254**, and if you desaturate by 10%, it is **235, 218, 254**.

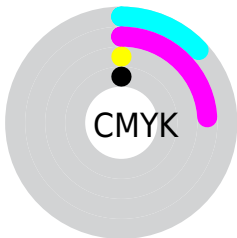
Distribution



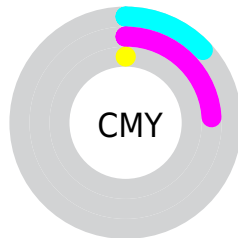
- Red (87%)
- Green (76%)
- Blue (100%)



- Red (87%)
- Yellow (76%)
- Blue (100%)



- Cyan (13%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)




- Cyan (13%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the RYB color 221, 193, 254 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, 193, 254 by changing the saturation by 10% instead.

 221, 193, 254

255, 255, 255

 255, 250, 255

 221, 193, 254


 193, 166, 225

 165, 139, 197


 139, 114, 170

 113, 89, 143

 88, 65, 117

 63, 43, 93

 40, 22, 69

 21, 0, 46

 0, 1, 25

■ 221, 193, 254

■ 221, 193, 254

■ 207, 168, 254

■ 235, 218, 254

■ 194, 142, 254

■ 248, 244, 254

■ 180, 117, 254

254, 255, 254

■ 166, 91, 254

■ 152, 66, 254

■ 139, 41, 254

■ 125, 15, 254

■ 117, 0, 254

Harmonies

Analogous

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



177, 197, 255



221, 193, 254



253, 184, 228

Triad

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



221, 193, 254



246, 242, 146



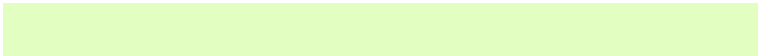
113, 170, 222

Complementary

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



221, 193, 254



193, 254, 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.



146, 196, 220



221, 193, 254



157, 218, 141

Square

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



221, 193, 254



255, 190, 166



154, 214, 186



104, 167, 243

Rectangle

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



221, 193, 254



255, 181, 207



154, 214, 186



123, 178, 222

Sweetspot

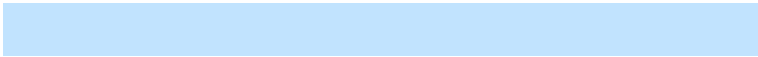
The Sweet Spot groups the original color and five complimentary colors.



221, 193, 254



245, 237, 255



193, 215, 254



122, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



221, 193, 254



215, 181, 255



251, 193, 254



121, 115, 128



88, 0, 191



29, 0, 64

Inverse Universe

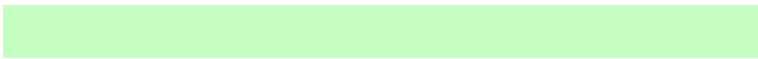
The Inverse Universe completely reimagines the original color for something new.



254, 193, 226



255, 181, 221



193, 254, 251



128, 115, 122



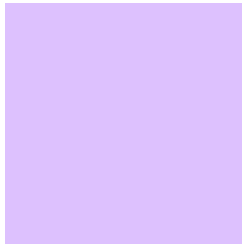
191, 0, 103



64, 0, 34

Previews

White Background



This preview shows how the RYB color 221, 193, 254 looks on a white background.

Color Contrast Check

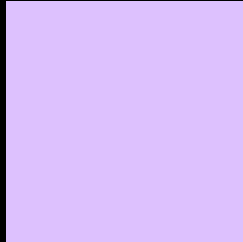
Large Text (above 18pt) WCAG AA × Fail

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, 193, 254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

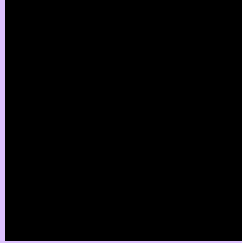
Any Text WCAG AA ✓ Pass

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, 193, 254 Background



This preview shows how black text looks on a background with the RYB color 221, 193, 254.

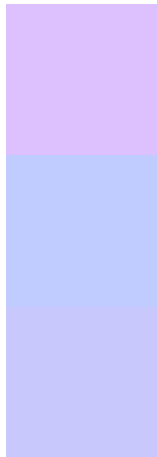


This preview shows how white text looks on a background with the RYB color 221, 193, 254.

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
221, 193, 254

Protanopia
192, 201, 255

Deuteranopia
200, 200, 253



Tritanopia
215, 200, 216

Trichromacy



Original Color
221, 193, 254

Protanomaly
203, 199, 255

Deuteranomaly
208, 197, 253

Tritanomaly
217, 197, 230

Monochromacy



Original Color
221, 193, 254

Achromatopsia
208, 208, 208

Achromatomaly
213, 203, 225

CSS Examples

Text

The CSS property to change the color of the text to RYB 221, 193, 254 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, 193, 254)` looks like.

```
.text, #text, p{  
    color:rgb(221, 193, 254)  
}
```

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, 193, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 193, 254) }
```

Border

The CSS property to change the border of an element to RYB 221, 193, 254 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, 193, 254) }
```

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

```
.border{ border-color:rgb(221, 193, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 193, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 193, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 193, 254);  
box-shadow:4px 4px 4px 4px rgb(221, 193,  
254) }
```

Background

The CSS property to change the background color of an element to RYB 221, 193, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 193, 254) }
```

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

```
.background{ background-color: rgb(221,  
193, 254) }
```

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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