

Converting Colors

`RYB(194, 123, 229)`

Have a look what the booklet for RYB(194, 123, 229) contains.

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Color

R_YB(194, 123, 229)

Conversions

Conversions Part 1

Format	Color
Hex	C27BE5
RGB	194, 123, 229
RGB Percent	76%, 48%, 90%
CMY	0.2392, 0.5176, 0.1020
CMYK	0.15, 0.46, 0.00, 0.10
HSL	280°, 67%, 69%
HSV	280°, 46%, 90%
XYZ	43.4740, 31.2924, 77.8774
YIQ	156.3130, 8.2900, 48.0180

Conversions

Conversions Part 2

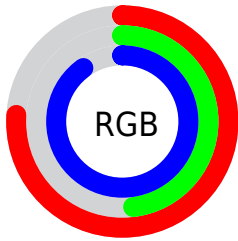
Format	Color
RYB	194, 123, 229
Decimal	12745701
CIELab	62.75, 45.79, -43.08
CIELCh	63, 62.866, 316.746
Yxy	31.2924, 0.2848, 0.2050
Android (android.graphics.Color)	4290935781 (0xFFC27BE5)
YUV	156.3130, 35.8347, 33.0515
Hunter-Lab	55.9396, 40.8285, -43.3840

Details

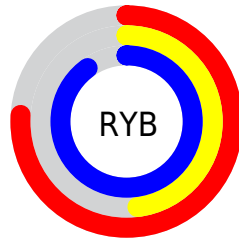
The RYB color **194, 123, 229** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **123, 229, 194**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **252, 177, 255**, and **138, 71, 173** is the 20% darker color. If you saturate the color by 10%, you get **186, 100, 229**, and if you desaturate by 10%, it is **202, 146, 229**.

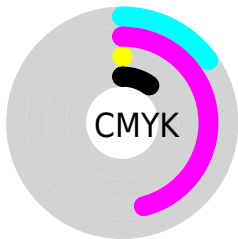
Distribution



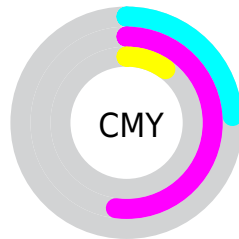
- Red (76%)
- Green (48%)
- Blue (90%)



- Red (76%)
- Yellow (48%)
- Blue (90%)



- Cyan (15%)
- Magenta (46%)
- Yellow (0%)
- Black (10%)



- Cyan (24%)
- Magenta (52%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RYB color 194, 123, 229 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 194, 123, 229 by changing the saturation by 10% instead.

 194, 123, 229

255, 255, 255

 252, 177, 255


 255, 205, 255

 255, 234, 255

 194, 123, 229

 166, 97, 201

 138, 71, 173

 111, 46, 146

 85, 19, 120

 59, 0, 95

 34, 0, 70

 0, 0, 47

 0, 1, 25

 0, 0, 0

194, 123, 229

194, 123, 229

186, 100, 229

202, 146, 229

179, 77, 229

209, 169, 229

171, 54, 229

217, 192, 229

164, 31, 229

224, 215, 229

156, 9, 229

229, 238, 235

153, 0, 229

229, 255, 245

229, 255, 237

229, 255, 230

229, 255, 229

Harmonies

Analogous

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



103, 137, 255



194, 123, 229



240, 102, 179

Triad

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



194, 123, 229



127, 201, 32



0, 90, 182

Complementary

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



194, 123, 229



123, 229, 194

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, 104, 177



194, 123, 229



29, 159, 37

Square

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



194, 123, 229



237, 134, 72



70, 171, 157



0, 100, 232

Rectangle

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



194, 123, 229



252, 97, 141



70, 171, 157



0, 93, 178

Sweetspot

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



194, 123, 229



243, 219, 255



123, 149, 229



120, 106, 128



0, 0, 0



128, 128, 128

Same Dimension

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



194, 123, 229



208, 112, 255



229, 123, 211



111, 103, 115



120, 0, 179



34, 0, 51

Inverse Universe

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



229, 123, 158



255, 112, 159



123, 214, 229



115, 103, 107



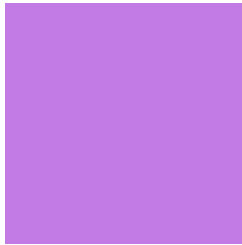
179, 0, 59



51, 0, 17

Previews

White Background



This preview shows how the RYB color 194, 123, 229 looks on a white background.

Color Contrast Check

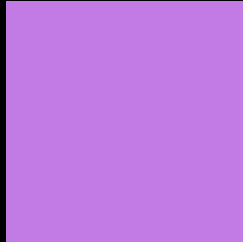
Large Text (above 18pt) WCAG AA × Fail

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 194, 123, 229 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 194, 123, 229 Background



This preview shows how black text looks on a background with the RYB color 194, 123, 229.

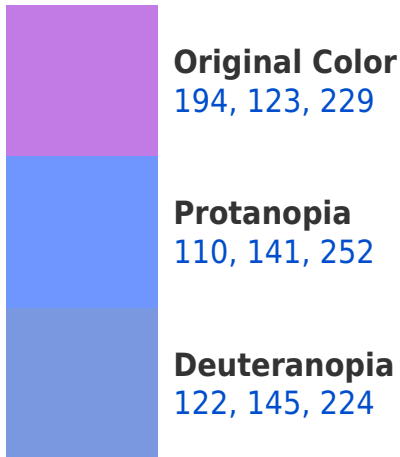



This preview shows how white text looks on a background with the RYB color 194, 123, 229.

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
182, 141, 152

Trichromacy



Original Color

194, 123, 229



Protanomaly

141, 140, 244



Deuteranomaly

148, 141, 226



Tritanomaly

186, 134, 180

Monochromacy



Original Color

194, 123, 229



Achromatopsia

156, 156, 156



Achromatomaly

170, 144, 183

CSS Examples

Text

The CSS property to change the color of the text to RYB 194, 123, 229 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(194, 123, 229) looks like.

```
.text, #text, p{  
    color:rgb(194, 123, 229)  
}
```

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(194, 123, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 123, 229) }
```

Border

The CSS property to change the border of an element to RYB 194, 123, 229 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(194, 123, 229) }
```

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

```
.border{ border-color:rgb(194, 123, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 123, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 123, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 123, 229);  
box-shadow:4px 4px 4px 4px rgb(194, 123,  
229) }
```

Background

The CSS property to change the background color of an element to RYB 194, 123, 229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 123, 229) }
```

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

```
.background{ background-color: rgb(194,  
123, 229) }
```

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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