

Converting Colors

`RYB(194, 165, 230)`

Have a look what the booklet for RYB(194, 165, 230) contains.

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Color

R_YB(194, 165, 230)

Conversions

Conversions Part 1

Format	Color
Hex	C2A5E6
RGB	194, 165, 230
RGB Percent	76%, 65%, 90%
CMY	0.2392, 0.3529, 0.0980
CMYK	0.16, 0.28, 0.00, 0.10
HSL	267°, 57%, 77%
HSV	267°, 28%, 90%
XYZ	49.9862, 44.0928, 80.7391
YIQ	181.0810, -3.5810, 26.3630

Conversions

Conversions Part 2

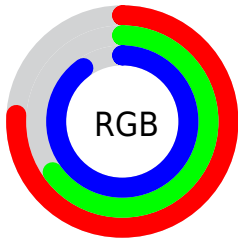
Format	Color
RYB	194, 165, 230
Decimal	12756454
CIELab	72.29, 23.03, -28.80
CIELCh	72, 36.874, 308.645
Yxy	44.0928, 0.2859, 0.2522
Android (android.graphics.Color)	4290946534 (0xFFC2A5E6)
YUV	181.0810, 24.1171, 11.3300
Hunter-Lab	66.4024, 18.1665, -25.6094

Details

The RYB color **194, 165, 230** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **165, 230, 194**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **251, 220, 255**, and **140, 113, 174** is the 20% darker color. If you saturate the color by 10%, you get **181, 142, 230**, and if you desaturate by 10%, it is **207, 188, 230**.

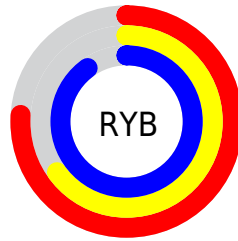
Distribution



Red (76%)

Green (65%)

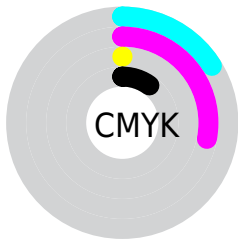
Blue (90%)



Red (76%)

Yellow (65%)

Blue (90%)

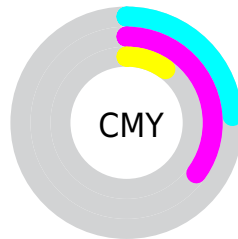


Cyan (16%)

Magenta (28%)

Yellow (0%)

Black (10%)



Cyan (24%)


Magenta (35%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RYB color 194, 165, 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 194, 165, 230 by changing the saturation by 10% instead.


 194, 165, 230


255, 255, 255

 251, 220, 255

 255, 249, 255

 194, 165, 230


 166, 139, 202

 140, 113, 174

 113, 88, 147


 88, 65, 122

 64, 42, 96

 40, 21, 72

 20, 0, 50

 0, 1, 28

 0, 0, 0

194, 165, 230

194, 165, 230

181, 142, 230

207, 188, 230

169, 119, 230

219, 211, 230

156, 96, 230

230, 234, 232

143, 73, 230

230, 255, 240

130, 50, 230

230, 255, 230

118, 27, 230

105, 4, 230

103, 0, 230

Harmonies

Analogous

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



145, 169, 244



194, 165, 230



228, 155, 203

Triad

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



194, 165, 230



220, 218, 115



69, 135, 196

Complementary

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



194, 165, 230



165, 230, 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.



112, 167, 194



194, 165, 230



124, 190, 110

Square

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



194, 165, 230



239, 160, 137



124, 188, 159



48, 127, 218

Rectangle

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



194, 165, 230



240, 151, 180



124, 188, 159



83, 144, 195

Sweetspot

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



194, 165, 230



244, 235, 255



165, 189, 230



120, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



194, 165, 230



207, 168, 255



226, 165, 230



108, 103, 115



80, 0, 179



23, 0, 51

Inverse Universe

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



230, 165, 201



255, 168, 216



165, 230, 226



115, 103, 110



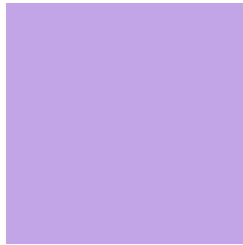
179, 0, 99



51, 0, 28

Previews

White Background



This preview shows how the RYB color 194, 165, 230 looks on a white background.

Color Contrast Check

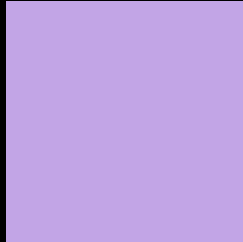
Large Text (above 18pt) WCAG AA × Fail

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 194, 165, 230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

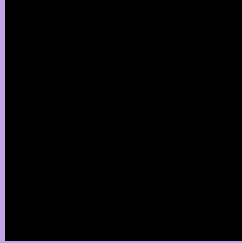
Any Text WCAG AA ✓ Pass

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 194, 165, 230 Background



This preview shows how black text looks on a background with the RYB color 194, 165, 230.

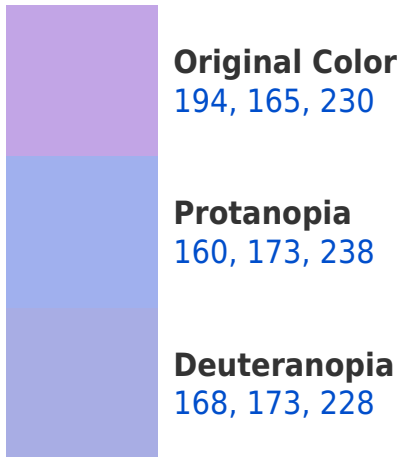


This preview shows how white text looks on a background with the RYB color 194, 165, 230.

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
187, 173, 187

Trichromacy



Original Color
194, 165, 230

Protanomaly
172, 171, 235

Deuteranomaly
177, 171, 229

Tritanomaly
190, 170, 203

Monochromacy



Original Color
194, 165, 230

Achromatopsia
181, 181, 181

Achromatomaly
186, 175, 199

CSS Examples

Text

The CSS property to change the color of the text to RYB 194, 165, 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(194, 165, 230)` looks like.

```
.text, #text, p{  
    color:rgb(194, 165, 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(194, 165, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 165, 230) }
```

Border

The CSS property to change the border of an element to RYB 194, 165, 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(194, 165, 230) }
```

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

```
.border{ border-color:rgb(194, 165, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 165, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 165, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 165, 230);  
box-shadow:4px 4px 4px 4px rgb(194, 165,  
230) }
```

Background

The CSS property to change the background color of an element to RYB 194, 165, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 165, 230) }
```

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

```
.background{ background-color: rgb(194,  
165, 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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