

Converting Colors

`RYB(197, 162, 237)`

Have a look what the booklet for
RYB(197, 162, 237) contains.

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Color

R_YB(197, 162, 237)

Conversions

Conversions Part 1

Format	Color
Hex	C5A2ED
RGB	197, 162, 237
RGB Percent	77%, 64%, 93%
CMY	0.2275, 0.3647, 0.0706
CMYK	0.17, 0.32, 0.00, 0.07
HSL	268°, 68%, 78%
HSV	268°, 32%, 93%
XYZ	51.2323, 43.8254, 85.8797
YIQ	181.0150, -3.2150, 30.7450

Conversions

Conversions Part 2

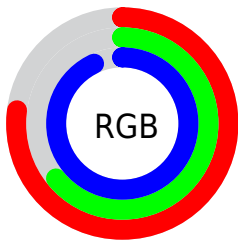
Format	Color
RYB	197, 162, 237
Decimal	12952301
CIELab	72.11, 27.12, -32.87
CIELCh	72, 42.618, 309.529
Yxy	43.8254, 0.2831, 0.2422
Android (android.graphics.Color)	4291142381 (0xFFC5A2ED)
YUV	181.0150, 27.6006, 14.0188
Hunter-Lab	66.2008, 22.2887, -30.5741

Details

The RYB color **197, 162, 237** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **162, 237, 197**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **254, 217, 255**, and **142, 110, 181** is the 20% darker color. If you saturate the color by 10%, you get **184, 138, 237**, and if you desaturate by 10%, it is **210, 186, 237**.

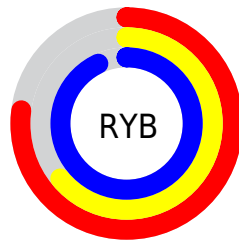
Distribution



Red (77%)

Green (64%)

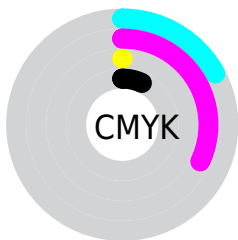
Blue (93%)



Red (77%)

Yellow (64%)

Blue (93%)

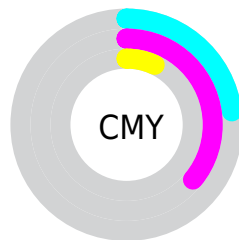


Cyan (17%)

Magenta (32%)

Yellow (0%)

Black (7%)



Cyan (23%)


Magenta (36%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RYB color 197, 162, 237 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 197, 162, 237 by changing the saturation by 10% instead.

 197, 162, 237


255, 255, 255


 254, 217, 255

 255, 246, 255

 197, 162, 237


 169, 136, 209

 142, 110, 181


 116, 85, 154

 90, 62, 128

 65, 39, 102

 41, 17, 78

 20, 0, 55

 0, 2, 32

 0, 0, 5

197, 162, 237

197, 162, 237

184, 138, 237

210, 186, 237

172, 115, 237

222, 209, 237

159, 91, 237

235, 233, 237

146, 67, 237

237, 255, 244

134, 43, 237

237, 255, 237

121, 20, 237

111, 0, 237

Harmonies

Analogous

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



139, 167, 253



197, 162, 237



235, 150, 205

Triad

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



197, 162, 237



220, 224, 104



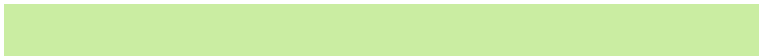
10, 106, 197

Complementary

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



197, 162, 237



162, 237, 197

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.



97, 161, 195



197, 162, 237



110, 190, 98

Square

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



197, 162, 237



247, 158, 129



115, 189, 157



0, 104, 225

Rectangle

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



197, 162, 237



249, 146, 179



115, 189, 157



52, 130, 197

Sweetspot

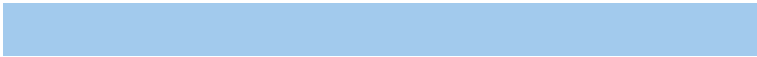
The Sweet Spot groups the original color and five complimentary colors.



197, 162, 237



243, 232, 255



162, 188, 237



120, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



197, 162, 237



203, 158, 255



235, 162, 237



111, 106, 117



84, 0, 181



25, 0, 54

Inverse Universe

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



237, 162, 202



255, 158, 210



162, 237, 235



117, 106, 112



181, 0, 97



54, 0, 29

Previews

White Background



This preview shows how the RYB color 197, 162, 237 looks on a white background.

Color Contrast Check

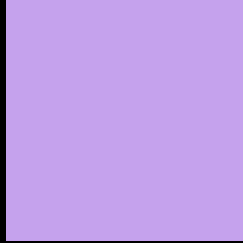
Large Text (above 18pt) WCAG AA × Fail

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 197, 162, 237 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 197, 162, 237 Background



This preview shows how black text looks on a background with the RYB color 197, 162, 237.



This preview shows how white text looks on a background with the RYB color 197, 162, 237.

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
197, 162, 237

Protanopia
155, 171, 247

Deuteranopia
162, 172, 235



Tritanopia
188, 172, 186

Trichromacy



Original Color
197, 162, 237

Protanomaly
170, 170, 243

Deuteranomaly
175, 170, 236

Tritanomaly
191, 168, 205

Monochromacy



Original Color
197, 162, 237

Achromatopsia
181, 181, 181

Achromatomaly
187, 174, 201

CSS Examples

Text

The CSS property to change the color of the text to RYB 197, 162, 237 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(197, 162, 237)` looks like.

```
.text, #text, p{  
  color:rgb(197, 162, 237)  
}
```

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(197, 162, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 162, 237) }
```

Border

The CSS property to change the border of an element to RYB 197, 162, 237 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(197, 162, 237) }
```

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

```
.border{ border-color:rgb(197, 162, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 162, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 162, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 162, 237);  
box-shadow:4px 4px 4px 4px rgb(197, 162,  
237) }
```

Background

The CSS property to change the background color of an element to RYB 197, 162, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 162, 237) }
```

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

```
.background{ background-color: rgb(197,  
162, 237) }
```

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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