

Converting Colors

`RYB(197, 125, 232)`

Have a look what the booklet for
RYB(197, 125, 232) contains.

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Color

R_YB(197, 125, 232)

Conversions

Conversions Part 1

Format	Color
Hex	C57DE8
RGB	197, 125, 232
RGB Percent	77%, 49%, 91%
CMY	0.2275, 0.5098, 0.0902
CMYK	0.15, 0.46, 0.00, 0.09
HSL	280°, 70%, 70%
HSV	280°, 46%, 91%
XYZ	44.9251, 32.3637, 80.2229
YIQ	158.7260, 8.5650, 48.5410

Conversions

Conversions Part 2

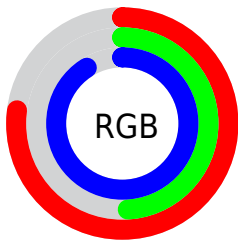
Format	Color
RYB	197, 125, 232
Decimal	12942824
CIELab	63.64, 46.20, -43.32
CIElCh	64, 63.332, 316.837
Yxy	32.3637, 0.2852, 0.2055
Android (android.graphics.Color)	4291132904 (0xFFC57DE8)
YUV	158.7260, 36.1241, 33.5663
Hunter-Lab	56.8891, 41.4045, -43.7862

Details

The RYB color **197, 125, 232** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **125, 232, 197**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **255, 179, 255**, and **141, 73, 176** is the 20% darker color. If you saturate the color by 10%, you get **189, 102, 232**, and if you desaturate by 10%, it is **205, 148, 232**.

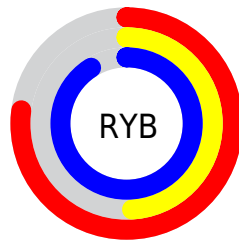
Distribution



Red (77%)

Green (49%)

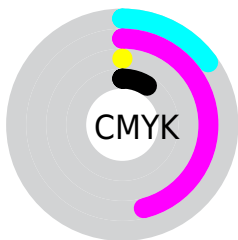
Blue (91%)



Red (77%)

Yellow (49%)

Blue (91%)

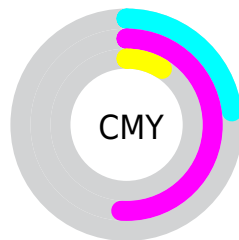


Cyan (15%)

Magenta (46%)

Yellow (0%)

Black (9%)



Cyan (23%)

Magenta (51%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RYB color 197, 125, 232 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, 125, 232 by changing the saturation by 10% instead.


 197, 125, 232

 197, 125, 232


255, 255, 255

 169, 99, 204

 255, 179, 255

 141, 73, 176

 255, 207, 255

 114, 48, 149

 255, 236, 255

 87, 21, 123

 61, 0, 97

 36, 0, 73

 1, 0, 49

 0, 1, 27

 0, 0, 0

■ 197, 125, 232

■ 197, 125, 232

■ 189, 102, 232

■ 205, 148, 232

■ 182, 79, 232

■ 212, 171, 232

■ 174, 55, 232

■ 220, 195, 232

■ 167, 32, 232

■ 227, 218, 232

■ 159, 9, 232

■ 232, 241, 238

■ 156, 0, 232

■ 232, 255, 244

■ 232, 255, 237

■ 232, 255, 232

Harmonies

Analogous

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



105, 139, 255



197, 125, 232



244, 104, 181

Triad

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



197, 125, 232



132, 204, 34



0, 91, 185

Complementary

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



197, 125, 232



125, 232, 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.



0, 105, 179



197, 125, 232



31, 161, 39

Square

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



197, 125, 232



240, 136, 73



72, 173, 159



0, 101, 235

Rectangle

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



197, 125, 232



255, 99, 143



72, 173, 159



0, 94, 181

Sweetspot

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



197, 125, 232



243, 219, 255



125, 152, 232



120, 106, 128



0, 0, 0



128, 128, 128

Same Dimension

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



197, 125, 232



209, 115, 255



232, 125, 214



111, 103, 115



120, 0, 179



34, 0, 51

Inverse Universe

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



232, 125, 160



255, 115, 161



125, 217, 232



115, 103, 107



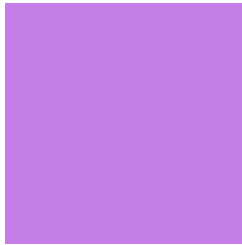
179, 0, 58



51, 0, 17

Previews

White Background



This preview shows how the RYB color 197, 125, 232 looks on a white background.

Color Contrast Check

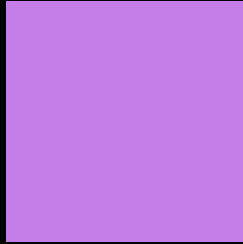
Large Text (above 18pt) WCAG AA × Fail

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, 125, 232 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, 125, 232 Background



This preview shows how black text looks on a background with the RYB color 197, 125, 232.

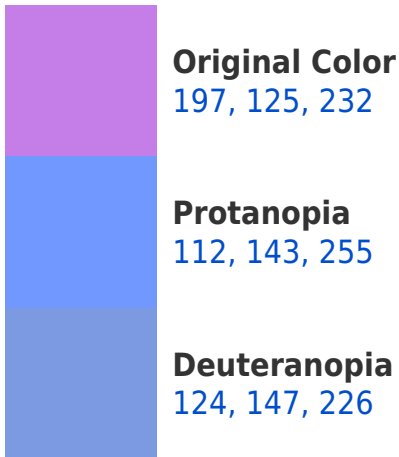



This preview shows how white text looks on a background with the RYB color 197, 125, 232.

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
185, 143, 154

Trichromacy



Original Color

197, 125, 232



Protanomaly

143, 142, 247



Deuteranomaly

151, 143, 228



Tritanomaly

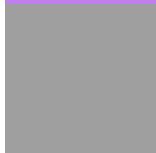
189, 136, 182

Monochromacy



Original Color

197, 125, 232



Achromatopsia

159, 159, 159



Achromatomaly

173, 147, 186

CSS Examples

Text

The CSS property to change the color of the text to RYB 197, 125, 232 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, 125, 232)` looks like.

```
.text, #text, p{  
    color:rgb(197, 125, 232)  
}
```

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, 125, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 125, 232) }
```

Border

The CSS property to change the border of an element to RYB 197, 125, 232 is called "border". The border property can be set on classes, ids or directly on the HTML element.

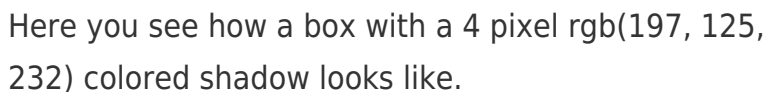
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 125, 232) }
```

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

```
.border{ border-color:rgb(197, 125, 232) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 125, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 125, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 125, 232); box-shadow:4px 4px 4px 4px rgb(197, 125, 232) }
```

Background

The CSS property to change the background color of an element to RYB 197, 125, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 125, 232) }
```

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

```
.background{ background-color: rgb(197,  
125, 232) }
```

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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