

Converting Colors

`RYB(202, 124, 223)`

Have a look what the booklet for
RYB(202, 124, 223) contains.

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Color

R_YB(202, 124, 223)

Conversions

Conversions Part 1

Format	Color
Hex	CA7CDF
RGB	202, 124, 223
RGB Percent	79%, 49%, 87%
CMY	0.2078, 0.5137, 0.1255
CMYK	0.09, 0.44, 0.00, 0.13
HSL	287°, 61%, 68%
HSV	287°, 44%, 87%
XYZ	44.8841, 32.2996, 73.6808
YIQ	158.6080, 14.7090, 47.3250

Conversions

Conversions Part 2

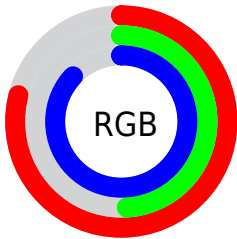
Format	Color
R _Y B	202, 124, 223
Decimal	13270239
CIE Lab	63.59, 46.30, -38.36
CIE LCh	64, 60.132, 320.357
Yxy	32.2996, 0.2975, 0.2141
Android (android.graphics.Color)	4291460319 (0xFFCA7CDF)
YUV	158.6080, 31.7453, 38.0548
Hunter-Lab	56.8327, 41.5144, -37.0837

Details

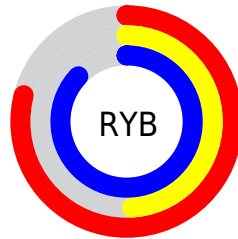
The RYB color **202, 124, 223** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **124, 223, 202**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **255, 178, 255**, and **146, 72, 167** is the 20% darker color. If you saturate the color by 10%, you get **197, 102, 223**, and if you desaturate by 10%, it is **207, 146, 223**.

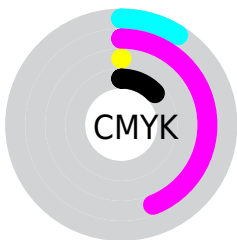
Distribution



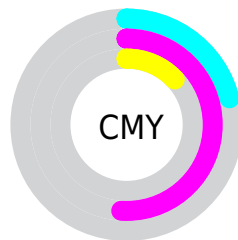
- Red (79%)
- Green (49%)
- Blue (87%)



- Red (79%)
- Yellow (49%)
- Blue (87%)



- Cyan (9%)
- Magenta (44%)
- Yellow (0%)
- Black (13%)





- Cyan (21%)
- Magenta (51%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 202, 124, 223 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 202, 124, 223 by changing the saturation by 10% instead.

 202, 124, 223

 202, 124, 223

255, 255, 255

 174, 98, 195


 255, 178, 255

 146, 72, 167

 255, 206, 255

 119, 46, 141

 255, 235, 255

 93, 18, 115

 67, 0, 90

 42, 0, 66


 12, 0, 43

 0, 1, 21


 0, 0, 0


 202, 124, 223


 202, 124, 223

 197, 102, 223


 207, 146, 223


 193, 79, 223


 211, 169, 223

 188, 57, 223

 216, 191, 223

 183, 35, 223

 221, 213, 223

 178, 13, 223

 223, 236, 233

 176, 0, 223

 223, 255, 248

 223, 255, 243

 223, 255, 238

 223, 255, 233

Harmonies

Analogous

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



123, 143, 255



202, 124, 223



242, 106, 174

Triad

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



202, 124, 223



118, 197, 40



0, 92, 190

Complementary

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



202, 124, 223



124, 223, 202

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, 102, 179



202, 124, 223



43, 162, 58

Square

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



202, 124, 223



234, 148, 73



81, 172, 173



0, 101, 236

Rectangle

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



202, 124, 223



252, 104, 138



81, 172, 173



0, 92, 180

Sweetspot

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



202, 124, 223



248, 222, 255



124, 141, 223



123, 107, 128



0, 0, 0



128, 128, 128

Same Dimension

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



202, 124, 223



226, 120, 255



223, 124, 195



110, 101, 112



139, 0, 176



38, 0, 48

Inverse Universe

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



223, 124, 145



255, 120, 149



124, 201, 223



112, 101, 103



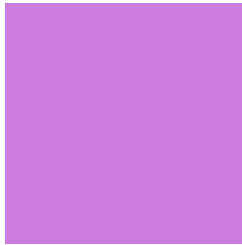
176, 0, 37



48, 0, 10

Previews

White Background



This preview shows how the RYB color 202, 124, 223 looks on a white background.

Color Contrast Check

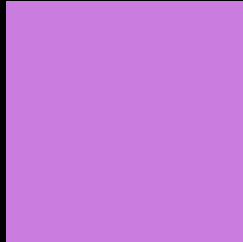
Large Text (above 18pt) WCAG AA × Fail

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 202, 124, 223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

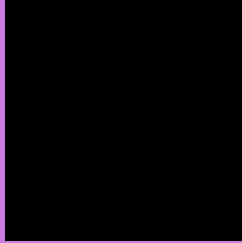
Any Text WCAG AA ✓ Pass

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 202, 124, 223 Background



This preview shows how black text looks on a background with the RYB color 202, 124, 223.

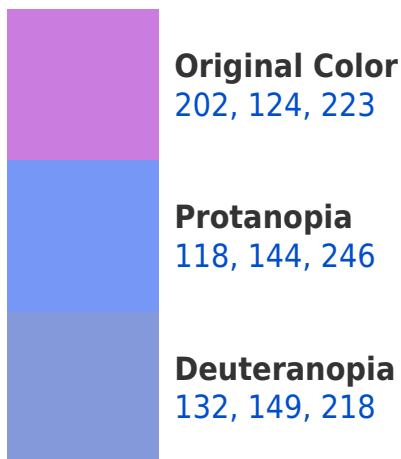


This preview shows how white text looks on a background with the RYB color 202, 124, 223.

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
192, 140, 151

Trichromacy



Original Color

202, 124, 223



Protanomaly

149, 141, 238



Deuteranomaly

157, 142, 220



Tritanomaly

196, 134, 177

Monochromacy



Original Color

202, 124, 223



Achromatopsia

159, 159, 159



Achromatomaly

175, 146, 182

CSS Examples

Text

The CSS property to change the color of the text to RYB 202, 124, 223 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(202, 124, 223) looks like.

```
.text, #text, p{  
    color:rgb(202, 124, 223)  
}
```

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(202, 124, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 124, 223) }
```

Border

The CSS property to change the border of an element to RYB 202, 124, 223 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(202, 124, 223) }
```

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

```
.border{ border-color:rgb(202, 124, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 124, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 124, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 124, 223);  
box-shadow:4px 4px 4px 4px rgb(202, 124,  
223) }
```

Background

The CSS property to change the background color of an element to RGB 202, 124, 223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 124, 223) }
```

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

```
.background{ background-color: rgb(202,  
124, 223) }
```

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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