

Converting Colors

`RYB(202, 134, 162)`

Have a look what the booklet for
RYB(202, 134, 162) contains.

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Color

R_YB(202, 134, 162)

Conversions

Conversions Part 1

Format	Color
Hex	CA86A2
RGB	202, 134, 162
RGB Percent	79%, 53%, 64%
CMY	0.2078, 0.4745, 0.3647
CMYK	0.00, 0.34, 0.20, 0.21
HSL	335°, 39%, 66%
HSV	335°, 34%, 79%
XYZ	39.4038, 32.2154, 38.3238
YIQ	157.5240, 31.5400, 23.1240

Conversions

Conversions Part 2

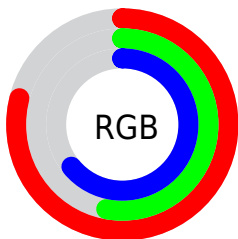
Format	Color
R _{YB}	202, 134, 162
Decimal	13272738
CIE Lab	63.52, 30.06, -4.11
CIE LCh	64, 30.342, 352.223
Yxy	32.2154, 0.3584, 0.2930
Android (android.graphics.Color)	4291462818 (0xFFCA86A2)
YUV	157.5240, 2.2067, 39.0055
Hunter-Lab	56.7586, 24.5934, -0.3020

Details

The RYB color **202, 134, 162** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **134, 177, 202**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **255, 188, 217**, and **147, 83, 110** is the 20% darker color. If you saturate the color by 10%, you get **202, 114, 150**, and if you desaturate by 10%, it is **202, 154, 174**.

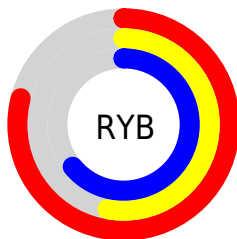
Distribution



Red (79%)

Green (53%)

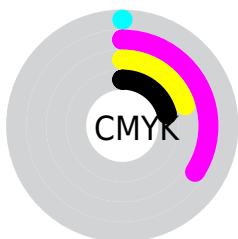
Blue (64%)



Red (79%)

Yellow (53%)

Blue (64%)

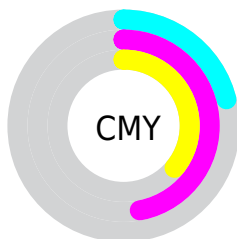


Cyan (0%)

Magenta (34%)

Yellow (20%)

Black (21%)



Cyan (21%)

Magenta (47%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the RYB color 202, 134, 162 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, 134, 162 by changing the saturation by 10% instead.

 202, 134, 162

 202, 134, 162

255, 255, 255

 174, 108, 136

 255, 188, 217

 147, 83, 110

 255, 216, 245

 120, 59, 86

 255, 245, 255

 94, 35, 63

 69, 10, 41


 46, 0, 21

 6, 0, 0

 0, 0, 0

 202, 134, 162

 202, 134, 162


 202, 114, 150


 202, 154, 174

 202, 94, 138

 202, 174, 186

 202, 73, 126


 202, 195, 198

 202, 53, 114

 202, 210, 215

 202, 33, 103

 202, 223, 235

 202, 13, 91

 202, 235, 255

 202, 0, 83

 202, 231, 255

 202, 229, 255

Harmonies

Analogous

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



181, 140, 187



202, 134, 162



207, 134, 135

Triad

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



202, 134, 162



103, 158, 109



70, 124, 196

Complementary

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



202, 134, 162



134, 177, 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.



63, 117, 173



202, 134, 162



120, 165, 164

Square

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



202, 134, 162



146, 179, 100



88, 134, 168



106, 141, 207

Rectangle

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



202, 134, 162



203, 144, 119



88, 134, 168



63, 120, 189

Sweetspot

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



202, 134, 162



255, 230, 240



174, 134, 202



128, 112, 119



0, 0, 0



128, 128, 128

Same Dimension

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



202, 134, 162



255, 153, 195



202, 141, 134



102, 92, 96



166, 0, 68



38, 0, 16

Inverse Universe

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



202, 134, 162



255, 153, 195



134, 166, 202



102, 92, 96



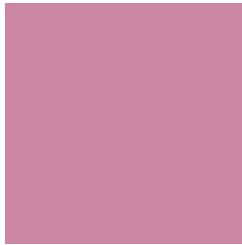
166, 0, 68



38, 0, 16

Previews

White Background



This preview shows how the RYB color 202, 134, 162 looks on a white background.

Color Contrast Check

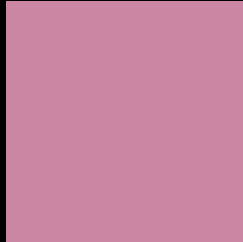
Large Text (above 18pt) WCAG AA × Fail

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, 134, 162 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, 134, 162 Background



This preview shows how black text looks on a background with the RYB color 202, 134, 162.

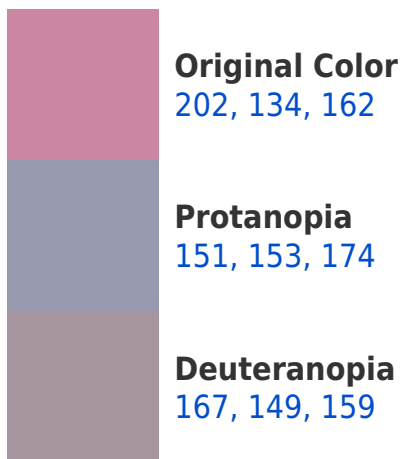


This preview shows how white text looks on a background with the RYB color 202, 134, 162.

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
200, 137, 147

Trichromacy



Original Color
202, 134, 162

Protanomaly
170, 146, 170

Deuteranomaly
180, 144, 160

Tritanomaly
201, 136, 152

Monochromacy



Original Color
202, 134, 162

Achromatopsia
158, 158, 158

Achromatomaly
174, 149, 159

CSS Examples

Text

The CSS property to change the color of the text to RYB 202, 134, 162 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, 134, 162) looks like.

```
.text, #text, p{  
    color:rgb(202, 134, 162)  
}
```

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, 134, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 134, 162) }
```

Border

The CSS property to change the border of an element to RYB 202, 134, 162 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, 134, 162) }
```

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

```
.border{ border-color:rgb(202, 134, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 134, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 134, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 134, 162);  
box-shadow:4px 4px 4px 4px rgb(202, 134,  
162) }
```

Background

The CSS property to change the background color of an element to RGB 202, 134, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 134, 162) }
```

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

```
.background{ background-color: rgb(202,  
134, 162) }
```

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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