

Converting Colors

`RYB(200, 138, 191)`

Have a look what the booklet for
RYB(200, 138, 191) contains.

RYB(200, 138, 191)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(200, 138, 191)

Conversions

Conversions Part 1

Format	Color
Hex	C88ABF
RGB	200, 138, 191
RGB Percent	78%, 54%, 75%
CMY	0.2157, 0.4588, 0.2510
CMYK	0.00, 0.31, 0.04, 0.22
HSL	309°, 36%, 66%
HSV	309°, 31%, 78%
XYZ	42.3119, 34.2179, 53.6649
YIQ	162.5800, 19.9390, 29.6270

Conversions

Conversions Part 2

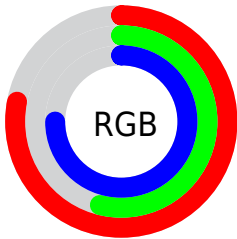
Format	Color
R _{YB}	200, 138, 191
Decimal	13142719
CIE Lab	65.14, 32.06, -18.09
CIE LCh	65, 36.811, 330.560
Yxy	34.2179, 0.3250, 0.2628
Android (android.graphics.Color)	4291332799 (0xFFC88ABF)
YUV	162.5800, 14.0111, 32.8173
Hunter-Lab	58.4961, 26.7460, -13.4460

Details

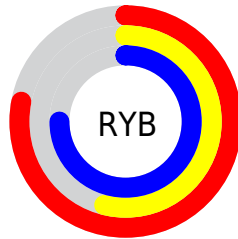
The RYB color **200, 138, 191** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **138, 192, 200**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **255, 192, 247**, and **145, 87, 137** is the 20% darker color. If you saturate the color by 10%, you get **200, 118, 188**, and if you desaturate by 10%, it is **200, 158, 194**.

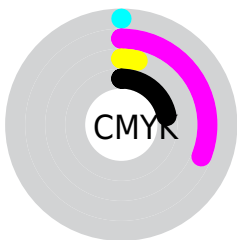
Distribution



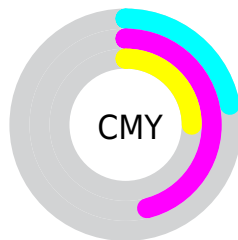
- Red (78%)
- Green (54%)
- Blue (75%)



- Red (78%)
- Yellow (54%)
- Blue (75%)



- Cyan (0%)
- Magenta (31%)
- Yellow (4%)
- Black (22%)




- Cyan (22%)
- Magenta (46%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 200, 138, 191 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 200, 138, 191 by changing the saturation by 10% instead.


 200, 138, 191


255, 255, 255

 255, 192, 247

 255, 220, 255

 255, 249, 255

 200, 138, 191

 172, 112, 164


 145, 87, 137

 119, 62, 112

 93, 39, 87


 68, 14, 64


 45, 0, 42


 16, 0, 21


 0, 0, 0


 200, 138, 191


 200, 138, 191


 200, 118, 188


 200, 158, 194

 200, 98, 185

 200, 178, 197

 200, 78, 182


 200, 198, 200

 200, 58, 179

 200, 215, 218

 200, 38, 176

 200, 233, 238

 200, 18, 174

 200, 248, 255

 200, 0, 171

 200, 246, 255

 200, 244, 255

 200, 242, 255

Harmonies

Analogous

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



162, 149, 215



200, 138, 191



220, 132, 159

Triad

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



200, 138, 191



123, 179, 92



0, 91, 190

Complementary

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



200, 138, 191



138, 192, 200

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.



58, 122, 176



200, 138, 191



100, 166, 121

Square

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



200, 138, 191



206, 175, 102



105, 158, 173



46, 118, 215

Rectangle

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



200, 138, 191



222, 133, 137



105, 158, 173



13, 95, 180

Sweetspot

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



200, 138, 191



255, 232, 252



146, 138, 200



128, 113, 125



0, 0, 0



128, 128, 128

Same Dimension

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



200, 138, 191



255, 161, 241



200, 138, 161



99, 90, 98



163, 0, 140



36, 0, 31

Inverse Universe

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



200, 138, 191



255, 161, 241



138, 176, 200



99, 90, 98



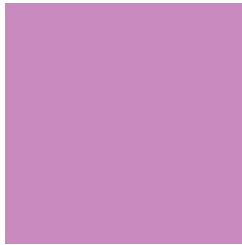
163, 0, 140



36, 0, 31

Previews

White Background



This preview shows how the RYB color 200, 138, 191 looks on a white background.

Color Contrast Check

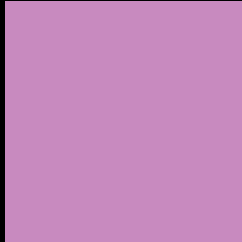
Large Text (above 18pt) WCAG AA × Fail

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 200, 138, 191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

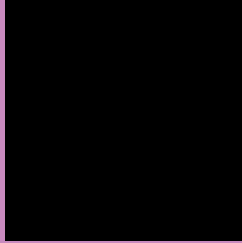
Any Text WCAG AA ✓ Pass

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 200, 138, 191 Background



This preview shows how black text looks on a background with the RYB color 200, 138, 191.

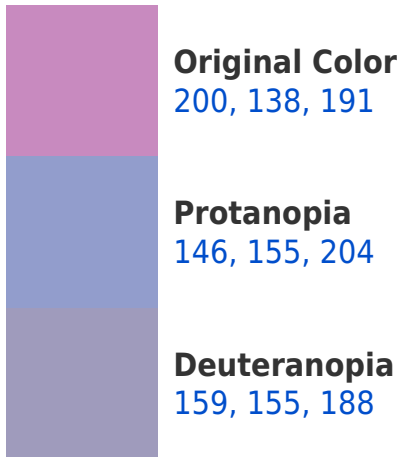



This preview shows how white text looks on a background with the RYB color 200, 138, 191.

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
195, 145, 156

Trichromacy



Original Color

200, 138, 191



Protanomaly

166, 150, 199



Deuteranomaly

174, 149, 189



Tritanomaly

197, 142, 169

Monochromacy



Original Color

200, 138, 191



Achromatopsia

163, 163, 163



Achromatomaly

176, 154, 173

CSS Examples

Text

The CSS property to change the color of the text to RYB 200, 138, 191 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(200, 138, 191) looks like.

```
.text, #text, p{  
    color:rgb(200, 138, 191)  
}
```

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(200, 138, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 138, 191) }
```

Border

The CSS property to change the border of an element to RYB 200, 138, 191 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(200, 138, 191) }
```

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

```
.border{ border-color:rgb(200, 138, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 138, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 138, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 138, 191);  
box-shadow:4px 4px 4px 4px rgb(200, 138,  
191) }
```

Background

The CSS property to change the background color of an element to RYB 200, 138, 191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 138, 191) }
```

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

```
.background{ background-color: rgb(200,  
138, 191) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor