

Converting Colors

`RYB(198, 166, 187)`

Have a look what the booklet for RYB(198, 166, 187) contains.

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Color

R_YB(198, 166, 187)

Conversions

Conversions Part 1

Format	Color
Hex	C6A6BB
RGB	198, 166, 187
RGB Percent	78%, 65%, 73%
CMY	0.2235, 0.3490, 0.2667
CMYK	0.00, 0.16, 0.06, 0.22
HSL	321°, 22%, 71%
HSV	321°, 16%, 78%
XYZ	45.8946, 42.8661, 52.8688
YIQ	177.9620, 12.3310, 13.3150

Conversions

Conversions Part 2

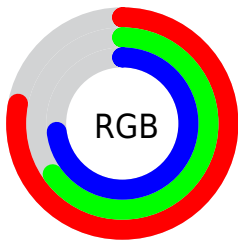
Format	Color
RYB	198, 166, 187
Decimal	13018811
CIELab	71.46, 15.26, -6.40
CIElCh	71, 16.550, 337.262
Yxy	42.8661, 0.3240, 0.3027
Android (android.graphics.Color)	4291208891 (0xFFC6A6BB)
YUV	177.9620, 4.4557, 17.5733
Hunter-Lab	65.4722, 10.5483, -2.0461

Details

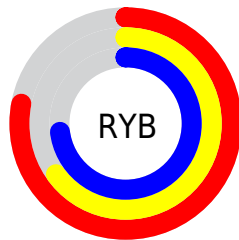
The RYB color **198, 166, 187** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **166, 190, 198**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **255, 221, 243**, and **144, 114, 134** is the 20% darker color. If you saturate the color by 10%, you get **198, 146, 180**, and if you desaturate by 10%, it is **198, 186, 194**.

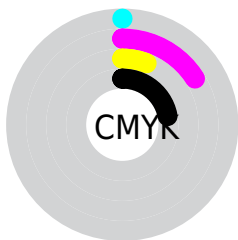
Distribution



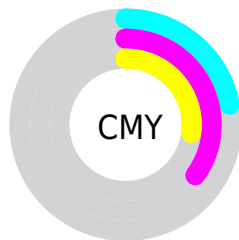
- Red (78%)
- Green (65%)
- Blue (73%)



- Red (78%)
- Yellow (65%)
- Blue (73%)



- Cyan (0%)
- Magenta (16%)
- Yellow (6%)
- Black (22%)



- Cyan (22%)
- Magenta (35%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 198, 166, 187 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 198, 166, 187 by changing the saturation by 10% instead.


 198, 166, 187


255, 255, 255

 255, 221, 243

 255, 250, 255

 198, 166, 187

 171, 140, 160

 144, 114, 134

 118, 89, 109


 93, 66, 84

 69, 43, 61

 47, 22, 39

 28, 0, 19

 0, 0, 0

 198, 166, 187

 198, 166, 187

 198, 146, 180

 198, 186, 194

 198, 126, 173


 198, 204, 206

 198, 107, 167

 198, 218, 225

 198, 87, 160

 198, 233, 245

 198, 67, 153

 198, 239, 255

 198, 47, 146

 198, 235, 255

 198, 27, 139

 198, 233, 255

 198, 8, 133

 198, 230, 255

 198, 0, 130

 198, 228, 255

Harmonies

Analogous

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



182, 170, 199



198, 166, 187



206, 165, 172

Triad

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



198, 166, 187



155, 183, 145



136, 162, 193

Complementary

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



198, 166, 187



166, 190, 198

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.



138, 163, 184



198, 166, 187



151, 180, 165

Square

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



198, 166, 187



197, 188, 148



150, 174, 183



145, 167, 202

Rectangle

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



198, 166, 187



207, 165, 162



150, 174, 183



135, 160, 188

Sweetspot

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



198, 166, 187



255, 242, 251



177, 166, 198



128, 120, 125



0, 0, 0



128, 128, 128

Same Dimension

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



198, 166, 187



255, 207, 238



198, 166, 171



99, 90, 96



163, 0, 107



36, 0, 23

Inverse Universe

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



198, 166, 187



255, 207, 238



166, 183, 198



99, 90, 96



163, 0, 107



36, 0, 23

Previews

White Background



This preview shows how the RYB color 198, 166, 187 looks on a white background.

Color Contrast Check

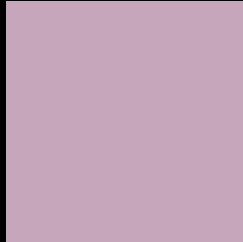
Large Text (above 18pt) WCAG AA × Fail

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 198, 166, 187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

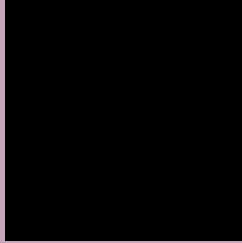
Any Text WCAG AA ✓ Pass

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 198, 166, 187 Background



This preview shows how black text looks on a background with the RYB color 198, 166, 187.



This preview shows how white text looks on a background with the RYB color 198, 166, 187.

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
198, 166, 187

Protanopia
173, 174, 192

Deuteranopia
187, 170, 186



Tritanopia
197, 167, 180

Trichromacy



Original Color

198, 166, 187

Protanomaly

182, 171, 190

Deuteranomaly

191, 169, 186

Tritanomaly

197, 167, 183

Monochromacy



Original Color

198, 166, 187

Achromatopsia

178, 178, 178

Achromatomaly

185, 174, 181

CSS Examples

Text

The CSS property to change the color of the text to RYB 198, 166, 187 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(198, 166, 187) looks like.

```
.text, #text, p{  
    color:rgb(198, 166, 187)  
}
```

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(198, 166, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 166, 187) }
```

Border

The CSS property to change the border of an element to RYB 198, 166, 187 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(198, 166, 187) }
```

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

```
.border{ border-color:rgb(198, 166, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 166, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 166, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 166, 187);  
box-shadow:4px 4px 4px 4px rgb(198, 166,  
187) }
```

Background

The CSS property to change the background color of an element to RYB 198, 166, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 166, 187) }
```

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

```
.background{ background-color: rgb(198,  
166, 187) }
```

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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