

Converting Colors

`RYB(204, 102, 134)`

Have a look what the booklet for
RYB(204, 102, 134) contains.

RYB(204, 102, 134)	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

`RYB(204, 102, 134)`

Conversions

Conversions Part 1

Format	Color
Hex	CC6686
RGB	204, 102, 134
RGB Percent	80%, 40%, 53%
CMY	0.2000, 0.6000, 0.4745
CMYK	0.00, 0.50, 0.34, 0.20
HSL	341°, 50%, 60%
HSV	341°, 50%, 80%
XYZ	33.9563, 24.0613, 25.4089
YIQ	136.1460, 50.5200, 31.5760

Conversions

Conversions Part 2

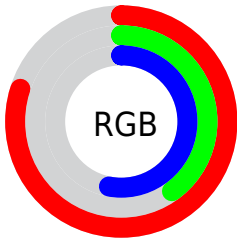
Format	Color
R_{YB}	204, 102, 134
Decimal	13395590
CIE _{Lab}	56.15, 43.80, 1.26
CIE _{LCh}	56, 43.814, 1.652
Yxy	24.0613, 0.4070, 0.2884
Android (android.graphics.Color)	4291585670 (0xFFCC6686)
YUV	136.1460, -1.0580, 59.5080
Hunter-Lab	49.0524, 37.7242, 3.6247

Details

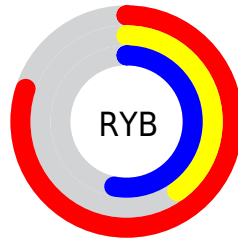
The RYB color **204, 102, 134** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **102, 162, 204**, and the grayscale version is **136, 136, 136**.

A 20% lighter version of the original color is **255, 156, 187**, and **147, 50, 85** is the 20% darker color. If you saturate the color by 10%, you get **204, 82, 120**, and if you desaturate by 10%, it is **204, 122, 148**.

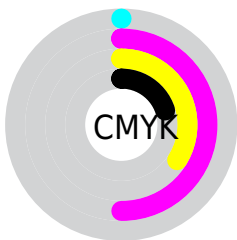
Distribution



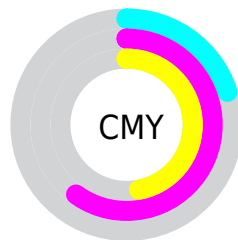
- Red (80%)
- Green (40%)
- Blue (53%)



- Red (80%)
- Yellow (40%)
- Blue (53%)



- Cyan (0%)
- Magenta (50%)
- Yellow (34%)
- Black (20%)




- Cyan (20%)
- Magenta (60%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 204, 102, 134 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 204, 102, 134 by changing the saturation by 10% instead.

 204, 102, 134


255, 255, 255

 255, 156, 187

 255, 183, 215


 255, 212, 243

 255, 240, 255

 204, 102, 134

 175, 76, 109

 147, 50, 85

 119, 21, 62

 92, 0, 40


 65, 0, 19

 40, 0, 1

 0, 0, 0

 204, 102, 134

 204, 82, 120

 204, 102, 134

 204, 122, 148

■ 204, 61, 106

■ 204, 143, 162

■ 204, 41, 92

■ 204, 163, 176

■ 204, 20, 78

■ 204, 184, 190

■ 204, 0, 64

■ 204, 204, 204

■ 204, 216, 224

■ 204, 228, 245

■ 204, 232, 255

■ 204, 230, 255

Harmonies

Analogous

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



183, 109, 171



204, 102, 134



203, 108, 97

Triad

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



204, 102, 134



67, 144, 95



0, 85, 201

Complementary

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



204, 102, 134



102, 162, 204

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, 81, 173



204, 102, 134



65, 128, 151

Square

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



204, 102, 134



83, 155, 55



0, 82, 154



68, 115, 211

Rectangle

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



204, 102, 134



193, 135, 76



0, 82, 154



0, 84, 193

Sweetspot

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



204, 102, 134



255, 217, 229



172, 102, 204



128, 105, 112



0, 0, 0



128, 128, 128

Same Dimension

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



204, 102, 134



255, 102, 150



204, 125, 102



102, 92, 95



166, 0, 52



38, 0, 12

Inverse Universe

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



204, 102, 134



255, 102, 150



102, 148, 204



102, 92, 95



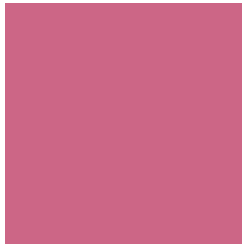
166, 0, 52



38, 0, 12

Previews

White Background



This preview shows how the RYB color 204, 102, 134 looks on a white background.

Color Contrast Check

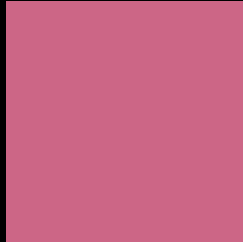
Large Text (above 18pt) WCAG AA ✓ Pass

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 204, 102, 134 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 204, 102, 134 Background



This preview shows how black text looks on a background with the RYB color 204, 102, 134.

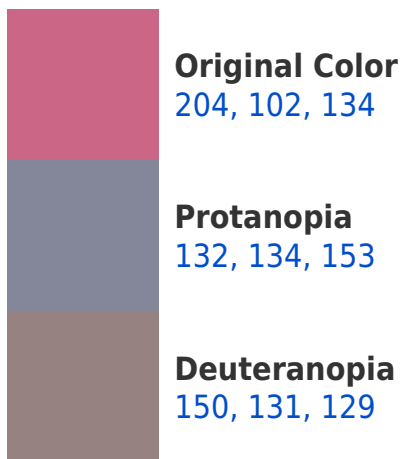



This preview shows how white text looks on a background with the RYB color 204, 102, 134.

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
202, 106, 113

Trichromacy



Original Color

204, 102, 134

Protanomaly

158, 122, 146

Deuteranomaly

170, 120, 131

Tritanomaly

203, 105, 121

Monochromacy



Original Color

204, 102, 134

Achromatopsia

136, 136, 136

Achromatomaly

161, 124, 135

CSS Examples

Text

The CSS property to change the color of the text to RYB 204, 102, 134 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(204, 102, 134) looks like.

```
.text, #text, p{  
    color:rgb(204, 102, 134)  
}
```

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(204, 102, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 102, 134) }
```

Border

The CSS property to change the border of an element to RYB 204, 102, 134 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(204, 102, 134) }
```

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

```
.border{ border-color:rgb(204, 102, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 102, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 102, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 102, 134);  
box-shadow:4px 4px 4px 4px rgb(204, 102,  
134) }
```

Background

The CSS property to change the background color of an element to RGB 204, 102, 134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 102, 134) }
```

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

```
.background{ background-color: rgb(204,  
102, 134) }
```

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