

Converting Colors

`RYB(224, 148, 198)`

Have a look what the booklet for RYB(224, 148, 198) contains.

RYB(224, 148, 198)	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(224, 148, 198)

Conversions

Conversions Part 1

Format	Color
Hex	E094C6
RGB	224, 148, 198
RGB Percent	88%, 58%, 78%
CMY	0.1216, 0.4196, 0.2235
CMYK	0.00, 0.34, 0.12, 0.12
HSL	321°, 55%, 73%
HSV	321°, 34%, 88%
XYZ	51.5234, 41.1043, 58.6444
YIQ	176.4240, 29.2460, 31.6620

Conversions

Conversions Part 2

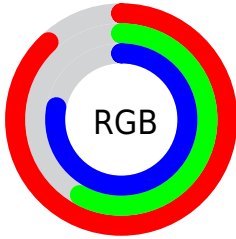
Format	Color
R _Y B	224, 148, 198
Decimal	14718150
CIE Lab	70.25, 35.92, -14.02
CIE LCh	70, 38.562, 338.681
Yxy	41.1043, 0.3406, 0.2717
Android (android.graphics.Color)	4292908230 (0xFFE094C6)
YUV	176.4240, 10.6370, 41.7242
Hunter-Lab	64.1127, 31.2524, -9.3542

Details

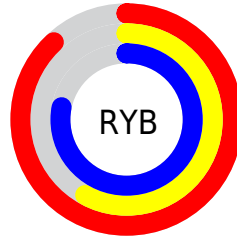
The RYB color **224, 148, 198** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **148, 205, 224**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **255, 203, 255**, and **168, 96, 144** is the 20% darker color. If you saturate the color by 10%, you get **224, 126, 190**, and if you desaturate by 10%, it is **224, 170, 206**.

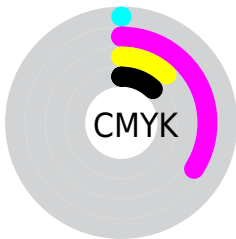
Distribution



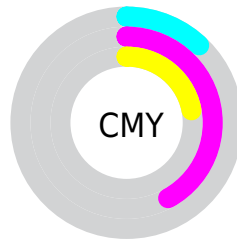
- Red (88%)
- Green (58%)
- Blue (78%)



- Red (88%)
- Yellow (58%)
- Blue (78%)



- Cyan (0%)
- Magenta (34%)
- Yellow (12%)
- Black (12%)





- Cyan (12%)
- Magenta (42%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the RYB color 224, 148, 198 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 224, 148, 198 by changing the saturation by 10% instead.

 224, 148, 198

 224, 148, 198


255, 255, 255

 195, 122, 171


 255, 203, 255

 168, 96, 144

 255, 231, 255

 140, 71, 118


 114, 46, 94


 88, 21, 70


 63, 0, 48


 43, 0, 27


 0, 0, 0

 224, 148, 198

 224, 148, 198

 224, 126, 190

 224, 170, 206

 224, 103, 183


 224, 193, 213

 224, 81, 175

 224, 215, 221

 224, 58, 167

 224, 234, 238

 224, 36, 160

 224, 246, 255

 224, 14, 152

 224, 243, 255

 224, 0, 147

 224, 240, 255

 224, 240, 255

Harmonies

Analogous

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



189, 159, 227



224, 148, 198



239, 144, 163

Triad

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



224, 148, 198



115, 185, 101



2, 101, 214

Complementary

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



224, 148, 198



148, 205, 224

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.



51, 124, 191



224, 148, 198



116, 183, 152

Square

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



224, 148, 198



216, 214, 107



103, 160, 188



74, 139, 236

Rectangle

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



224, 148, 198



239, 148, 140



103, 160, 188



6, 101, 204

Sweetspot

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



224, 148, 198



255, 230, 246



173, 148, 224



128, 112, 122



0, 0, 0



128, 128, 128

Same Dimension

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



224, 148, 198



255, 150, 219



224, 148, 161



112, 101, 108



176, 0, 116



48, 0, 32

Inverse Universe

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



224, 148, 198



255, 150, 219



148, 190, 224



112, 101, 108



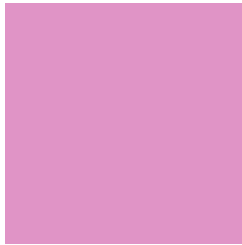
176, 0, 116



48, 0, 32

Previews

White Background



This preview shows how the RYB color 224, 148, 198 looks on a white background.

Color Contrast Check

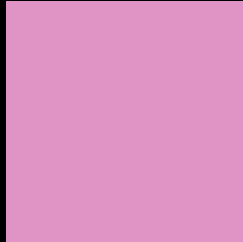
Large Text (above 18pt) WCAG AA × Fail

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 224, 148, 198 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 224, 148, 198 Background



This preview shows how black text looks on a background with the RYB color 224, 148, 198.

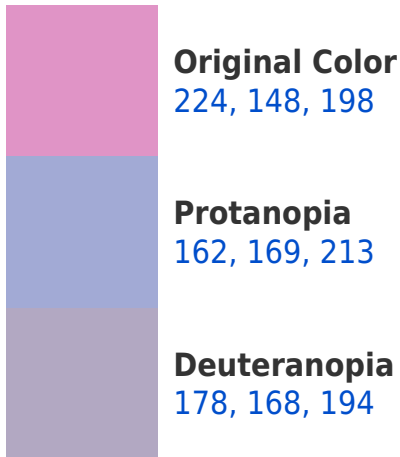


This preview shows how white text looks on a background with the RYB color 224, 148, 198.

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
220, 154, 166

Trichromacy



Original Color

224, 148, 198



Protanomaly

185, 162, 208



Deuteranomaly

195, 161, 195



Tritanomaly

221, 152, 178

Monochromacy



Original Color

224, 148, 198



Achromatopsia

176, 176, 176



Achromatomaly

193, 166, 184

CSS Examples

Text

The CSS property to change the color of the text to RYB 224, 148, 198 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(224, 148, 198) looks like.

```
.text, #text, p{  
    color:rgb(224, 148, 198)  
}
```

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(224, 148, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 148, 198) }
```

Border

The CSS property to change the border of an element to RYB 224, 148, 198 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(224, 148, 198) }
```

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

```
.border{ border-color:rgb(224, 148, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 148, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 148, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 148, 198);  
box-shadow:4px 4px 4px 4px rgb(224, 148,  
198) }
```

Background

The CSS property to change the background color of an element to RGB 224, 148, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 148, 198) }
```

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

```
.background{ background-color: rgb(224,  
148, 198) }
```

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