

Converting Colors

`RYB(184, 148, 228)`

Have a look what the booklet for
RYB(184, 148, 228) contains.

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Color

R_YB(184, 148, 228)

Conversions

Conversions Part 1

Format	Color
Hex	B894E4
RGB	184, 148, 228
RGB Percent	72%, 58%, 89%
CMY	0.2784, 0.4196, 0.1059
CMYK	0.19, 0.35, 0.00, 0.11
HSL	267°, 60%, 74%
HSV	267°, 35%, 89%
XYZ	44.3607, 36.9716, 78.1970
YIQ	167.8840, -4.2240, 32.5120

Conversions

Conversions Part 2

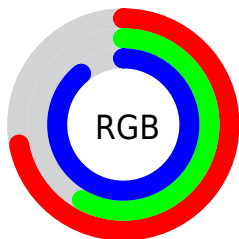
Format	Color
RYB	184, 148, 228
Decimal	12096740
CIELab	67.26, 28.98, -35.56
CIELCh	67, 45.875, 309.181
Yxy	36.9716, 0.2781, 0.2318
Android (android.graphics.Color)	4290286820 (0xFFB894E4)
YUV	167.8840, 29.6372, 14.1337
Hunter-Lab	60.8043, 23.8199, -33.6866

Details

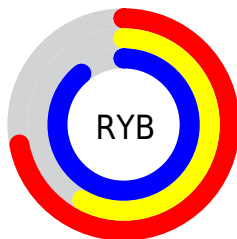
The RYB color **184, 148, 228** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **148, 228, 184**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **241, 202, 255**, and **130, 97, 172** is the 20% darker color. If you saturate the color by 10%, you get **171, 125, 228**, and if you desaturate by 10%, it is **197, 171, 228**.

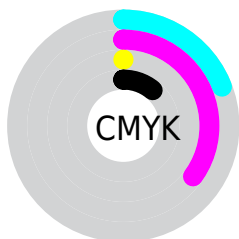
Distribution



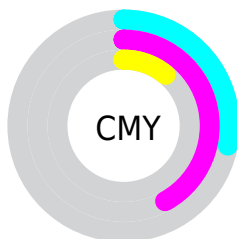
- Red (72%)
- Green (58%)
- Blue (89%)



- Red (72%)
- Yellow (58%)
- Blue (89%)



- Cyan (19%)
- Magenta (35%)
- Yellow (0%)
- Black (11%)




- Cyan (28%)
- Magenta (42%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 184, 148, 228 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 184, 148, 228 by changing the saturation by 10% instead.

 184, 148, 228

 184, 148, 228


255, 255, 255

 156, 122, 200


 241, 202, 255

 130, 97, 172

 255, 231, 255

 103, 73, 145

 78, 49, 119

 53, 27, 94

 28, 5, 70

 0, 0, 47

 0, 1, 26

 0, 0, 0

■ 184, 148, 228

■ 184, 148, 228

■ 171, 125, 228

■ 197, 171, 228

■ 159, 102, 228

■ 209, 194, 228

■ 146, 80, 228

■ 222, 216, 228

■ 134, 57, 228

■ 228, 239, 233

■ 121, 34, 228

■ 228, 255, 236

■ 109, 11, 228

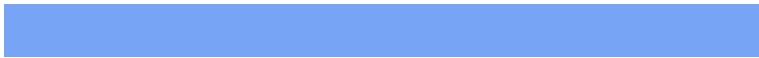
■ 228, 255, 228

■ 103, 0, 228

Harmonies

Analogous

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



119, 152, 245



184, 148, 228



225, 134, 194

Triad

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



184, 148, 228



207, 213, 86



0, 95, 185

Complementary

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



184, 148, 228



148, 228, 184

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.



74, 145, 183



184, 148, 228



92, 177, 80

Square

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



184, 148, 228



236, 142, 114



98, 176, 142



0, 99, 215

Rectangle

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



184, 148, 228



239, 130, 167



98, 176, 142



0, 99, 185

Sweetspot

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



184, 148, 228



240, 227, 255



148, 176, 228



118, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



184, 148, 228



196, 148, 255



224, 148, 228



108, 103, 115



80, 0, 179



23, 0, 51

Inverse Universe

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



228, 148, 192



255, 148, 207



148, 228, 224



115, 103, 110



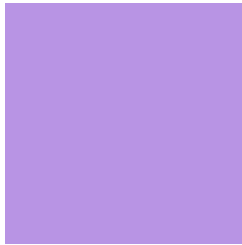
179, 0, 98



51, 0, 28

Previews

White Background



This preview shows how the RYB color 184, 148, 228 looks on a white background.

Color Contrast Check

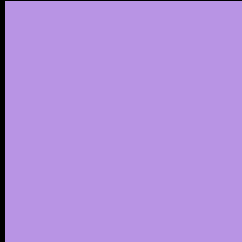
Large Text (above 18pt) WCAG AA × Fail

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 184, 148, 228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

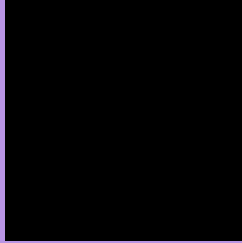
Any Text WCAG AA ✓ Pass

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 184, 148, 228 Background



This preview shows how black text looks on a background with the RYB color 184, 148, 228.

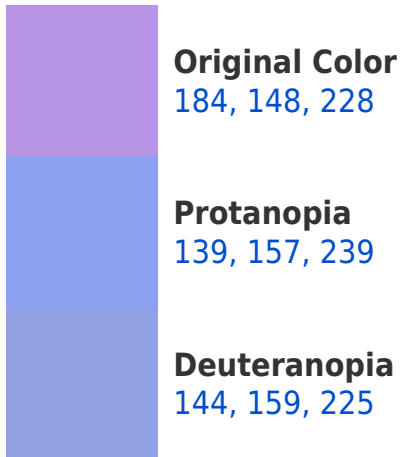



This preview shows how white text looks on a background with the RYB color 184, 148, 228.

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

174, 159, 172

Trichromacy



Original Color
184, 148, 228

Protanomaly
155, 156, 235

Deuteranomaly
159, 157, 226

Tritanomaly
178, 155, 192

Monochromacy



Original Color
184, 148, 228

Achromatopsia
168, 168, 168

Achromatomaly
174, 161, 190

CSS Examples

Text

The CSS property to change the color of the text to RYB 184, 148, 228 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(184, 148, 228)` looks like.

```
.text, #text, p{  
    color:rgb(184, 148, 228)  
}
```

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(184, 148, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 148, 228) }
```

Border

The CSS property to change the border of an element to RYB 184, 148, 228 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(184, 148, 228) }
```

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

```
.border{ border-color:rgb(184, 148, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 148, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 148, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 148, 228);  
box-shadow:4px 4px 4px 4px rgb(184, 148,  
228) }
```

Background

The CSS property to change the background color of an element to RYB 184, 148, 228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 148, 228) }
```

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

```
.background{ background-color: rgb(184,  
148, 228) }
```

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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