

Converting Colors

`RYB(184, 138, 246)`

Have a look what the booklet for RYB(184, 138, 246) contains.

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Color

R_YB(184, 138, 246)

Conversions

Conversions Part 1

Format	Color
Hex	B88AF6
RGB	184, 138, 246
RGB Percent	72%, 54%, 96%
CMY	0.2784, 0.4588, 0.0353
CMYK	0.25, 0.44, 0.00, 0.04
HSL	266°, 86%, 75%
HSV	266°, 44%, 96%
XYZ	45.4902, 35.0211, 91.5509
YIQ	164.0660, -7.2520, 43.3400

Conversions

Conversions Part 2

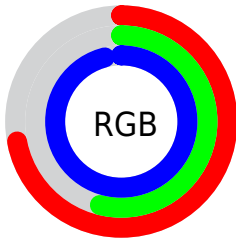
Format	Color
RYB	184, 138, 246
Decimal	12094198
CIELab	65.77, 38.67, -47.79
CIELCh	66, 61.481, 308.977
Yxy	35.0211, 0.2644, 0.2035
Android (android.graphics.Color)	4290284278 (0xFFB88AF6)
YUV	164.0660, 40.3935, 17.4821
Hunter-Lab	59.1786, 33.6490, -50.2981

Details

The RYB color **184, 138, 246** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **138, 246, 184**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **242, 192, 255**, and **128, 87, 189** is the 20% darker color. If you saturate the color by 10%, you get **170, 113, 246**, and if you desaturate by 10%, it is **198, 163, 246**.

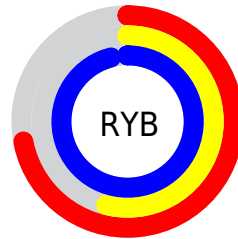
Distribution



Red (72%)

Green (54%)

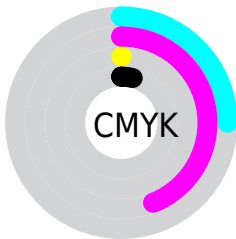
Blue (96%)



Red (72%)

Yellow (54%)

Blue (96%)

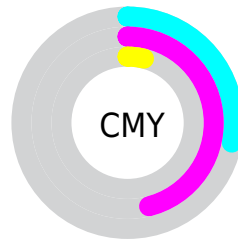


Cyan (25%)

Magenta (44%)

Yellow (0%)

Black (4%)



Cyan (28%)


Magenta (46%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 184, 138, 246 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, 138, 246 by changing the saturation by 10% instead.

 184, 138, 246


255, 255, 255

 242, 192, 255


 255, 220, 255

 255, 249, 255


 184, 138, 246

 156, 112, 217

 128, 87, 189

 101, 63, 162

 74, 39, 135

 47, 15, 109

 16, 0, 84


 0, 0, 60


 0, 2, 37

 0, 1, 14


 184, 138, 246


 184, 138, 246

 170, 113, 246

 198, 163, 246

 156, 89, 246


 212, 187, 246

 142, 64, 246

 226, 212, 246

 128, 40, 246

 240, 236, 246

 113, 15, 246

 246, 255, 246

 105, 0, 246

Harmonies

Analogous

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



77, 134, 255



184, 138, 246



239, 116, 201

Triad

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



184, 138, 246



194, 220, 52



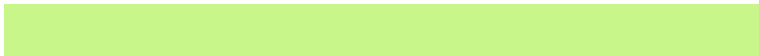
0, 96, 186

Complementary

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



184, 138, 246



138, 246, 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.



0, 112, 184



184, 138, 246



51, 173, 39

Square

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



184, 138, 246



251, 127, 93



68, 176, 130



0, 102, 228

Rectangle

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



184, 138, 246



255, 108, 164



68, 176, 130



0, 101, 186

Sweetspot

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



184, 138, 246



236, 222, 255



138, 178, 246



116, 107, 128



0, 0, 0



128, 128, 128

Same Dimension

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



184, 138, 246



177, 120, 255



237, 138, 246



115, 110, 122



79, 0, 186



25, 0, 59

Inverse Universe

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



246, 138, 200



255, 120, 197



138, 246, 237



122, 110, 117



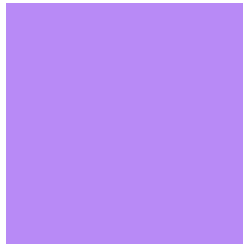
186, 0, 107



59, 0, 34

Previews

White Background



This preview shows how the RYB color 184, 138, 246 looks on a white background.

Color Contrast Check

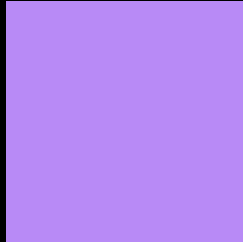
Large Text (above 18pt) WCAG AA × Fail

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, 138, 246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

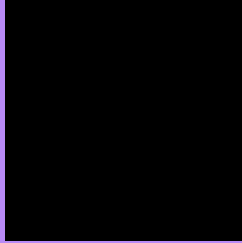
Any Text WCAG AA ✓ Pass

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, 138, 246 Background



This preview shows how black text looks on a background with the RYB color 184, 138, 246.

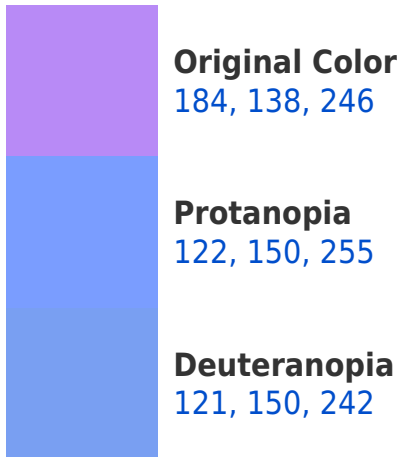


This preview shows how white text looks on a background with the RYB color 184, 138, 246.

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
170, 156, 168

Trichromacy



Original Color

184, 138, 246



Protanomaly

145, 150, 252



Deuteranomaly

144, 151, 243



Tritanomaly

175, 149, 196

Monochromacy



Original Color

184, 138, 246



Achromatopsia

164, 164, 164



Achromatomaly

171, 155, 194

CSS Examples

Text

The CSS property to change the color of the text to RYB 184, 138, 246 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, 138, 246)` looks like.

```
.text, #text, p{  
    color:rgb(184, 138, 246)  
}
```

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, 138, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 138, 246) }
```

Border

The CSS property to change the border of an element to RYB 184, 138, 246 is called "border". The border property can be set on classes, ids or directly on the HTML element.

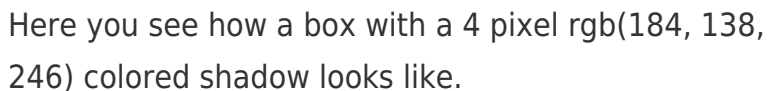
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(184, 138, 246) }
```

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

```
.border{ border-color:rgb(184, 138, 246) }
```

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



Here you see how a box with a 4 pixel rgb(184, 138, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 138, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 138, 246);  
box-shadow:4px 4px 4px 4px rgb(184, 138,  
246) }
```

Background

The CSS property to change the background color of an element to RYB 184, 138, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 138, 246) }
```

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

```
.background{ background-color: rgb(184,  
138, 246) }
```

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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