

Converting Colors

`RYB(148, 103, 247)`

Have a look what the booklet for
RYB(148, 103, 247) contains.

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Color

`RYB(148, 103, 247)`

Conversions

Conversions Part 1

Format	Color
Hex	9467F7
RGB	148, 103, 247
RGB Percent	58%, 40%, 97%
CMY	0.4196, 0.5961, 0.0314
CMYK	0.40, 0.58, 0.00, 0.03
HSL	259°, 90%, 69%
HSV	259°, 58%, 97%
XYZ	33.8515, 22.7118, 90.5953
YIQ	132.8710, -19.4040, 54.3240

Conversions

Conversions Part 2

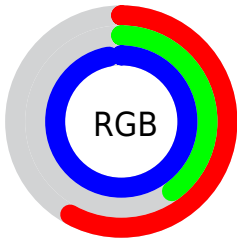
Format	Color
RYB	148, 103, 247
Decimal	9725943
CIELab	54.77, 49.36, -66.09
CIELCh	55, 82.483, 306.755
Yxy	22.7118, 0.2300, 0.1543
Android (android.graphics.Color)	4287916023 (0xFF9467F7)
YUV	132.8710, 56.2656, 13.2681
Hunter-Lab	47.6569, 43.3920, -79.3499

Details

The RYB color **148, 103, 247** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **103, 247, 148**, and the grayscale version is **132, 132, 132**.

A 20% lighter version of the original color is **207, 156, 255**, and **89, 53, 190** is the 20% darker color. If you saturate the color by 10%, you get **131, 78, 247**, and if you desaturate by 10%, it is **165, 128, 247**.

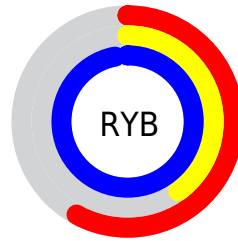
Distribution



Red (58%)

Green (40%)

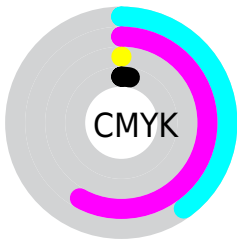
Blue (97%)



Red (58%)

Yellow (40%)

Blue (97%)

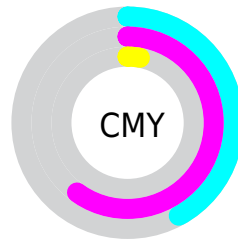


Cyan (40%)

Magenta (58%)

Yellow (0%)

Black (3%)



Cyan (42%)

Magenta (60%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RYB color 148, 103, 247 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 148, 103, 247 by changing the saturation by 10% instead.

 148, 103, 247

255, 255, 255

 207, 156, 255

 237, 183, 255

 255, 211, 255

 255, 240, 255


 148, 103, 247

 119, 78, 218

 89, 53, 190

 58, 28, 162

 16, 1, 135

 0, 0, 109

 0, 0, 84

 0, 5, 59

 0, 2, 37

 0, 1, 13

■ 148, 103, 247

■ 148, 103, 247

■ 131, 78, 247

■ 165, 128, 247

■ 114, 54, 247

■ 182, 152, 247

■ 97, 29, 247

■ 199, 177, 247

■ 80, 4, 247

■ 216, 202, 247

■ 77, 0, 247

■ 233, 227, 247

■ 247, 251, 248

■ 247, 255, 247

Harmonies

Analogous

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



0, 88, 255



148, 103, 247



226, 56, 189

Triad

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



148, 103, 247



183, 202, 0



0, 84, 161

Complementary

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



148, 103, 247



103, 247, 148

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, 109, 158



148, 103, 247



12, 145, 0

Square

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



148, 103, 247



242, 65, 49



0, 150, 86



0, 92, 216

Rectangle

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



148, 103, 247



249, 24, 142



0, 150, 86



0, 91, 160

Sweetspot

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



148, 103, 247



225, 212, 255



103, 162, 247



110, 102, 128



0, 0, 0



128, 128, 128

Same Dimension

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



148, 103, 247



132, 77, 255



218, 103, 247



114, 110, 122



58, 0, 186



18, 0, 59

Inverse Universe

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



247, 103, 202



255, 77, 199



103, 247, 218



122, 110, 119



186, 0, 128



59, 0, 40

Previews

White Background



This preview shows how the RYB color 148, 103, 247 looks on a white background.

Color Contrast Check

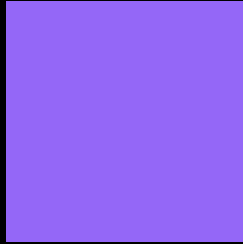
Large Text (above 18pt) WCAG AA ✓ Pass

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 148, 103, 247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

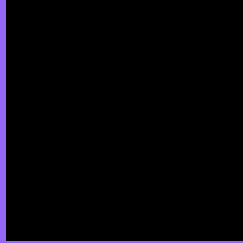
Any Text WCAG AA ✓ Pass

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 148, 103, 247 Background



This preview shows how black text looks on a background with the RYB color 148, 103, 247.

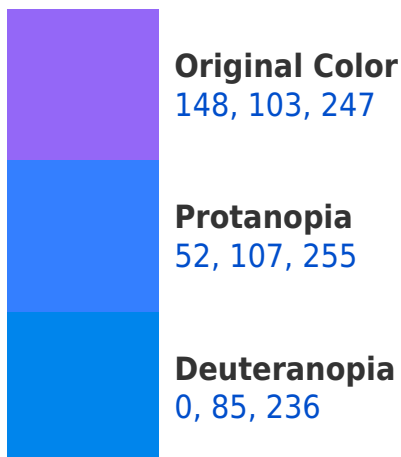


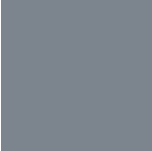
This preview shows how white text looks on a background with the RYB color 148, 103, 247.

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
124, 130, 142

Trichromacy



Original Color

148, 103, 247



Protanomaly

87, 113, 252



Deuteranomaly

54, 104, 240



Tritanomaly

133, 121, 180

Monochromacy



Original Color

148, 103, 247



Achromatopsia

133, 133, 133



Achromatomaly

138, 122, 174

CSS Examples

Text

The CSS property to change the color of the text to RYB 148, 103, 247 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(148, 103, 247)` looks like.

```
.text, #text, p{  
  color:rgb(148, 103, 247)  
}
```

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(148, 103, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 103, 247) }
```

Border

The CSS property to change the border of an element to RYB 148, 103, 247 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(148, 103, 247) }
```

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

```
.border{ border-color:rgb(148, 103, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 103, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 103, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 103, 247);  
box-shadow:4px 4px 4px 4px rgb(148, 103,  
247) }
```

Background

The CSS property to change the background color of an element to RYB 148, 103, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 103, 247) }
```

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

```
.background{ background-color: rgb(148,  
103, 247) }
```

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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