

Converting Colors

`RYB(168, 145, 244)`

Have a look what the booklet for
RYB(168, 145, 244) contains.

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Color

R_YB(168, 145, 244)

Conversions

Conversions Part 1

Format	Color
Hex	A891F4
RGB	168, 145, 244
RGB Percent	66%, 57%, 96%
CMY	0.3412, 0.4314, 0.0431
CMYK	0.31, 0.41, 0.00, 0.04
HSL	254°, 82%, 76%
HSV	254°, 41%, 96%
XYZ	42.6030, 35.1073, 90.1189
YIQ	163.1630, -18.0710, 35.6650

Conversions

Conversions Part 2

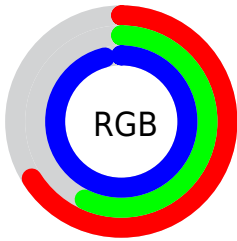
Format	Color
R _{YB}	168, 145, 244
Decimal	11047412
CIE _{Lab}	65.83, 29.93, -46.69
CIE _{LCh}	66, 55.458, 302.659
Yxy	35.1073, 0.2538, 0.2092
Android (android.graphics.Color)	4289237492 (0xFFA891F4)
YUV	163.1630, 39.8526, 4.2420
Hunter-Lab	59.2514, 24.6552, -48.7016

Details

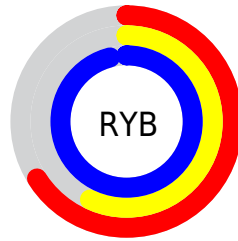
The RYB color **168, 145, 244** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **145, 244, 168**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **225, 199, 255**, and **113, 94, 187** is the 20% darker color. If you saturate the color by 10%, you get **149, 121, 244**, and if you desaturate by 10%, it is **187, 169, 244**.

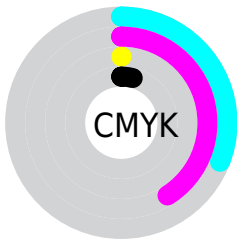
Distribution



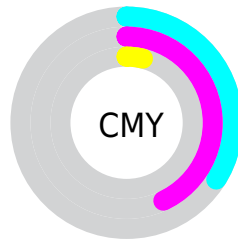
- Red (66%)
- Green (57%)
- Blue (96%)



- Red (66%)
- Yellow (57%)
- Blue (96%)



- Cyan (31%)
- Magenta (41%)
- Yellow (0%)
- Black (4%)



- Cyan (34%)
- Magenta (43%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the RYB color 168, 145, 244 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 168, 145, 244 by changing the saturation by 10% instead.

 168, 145, 244

 168, 145, 244

255, 255, 255

 140, 119, 215

 225, 199, 255

 113, 94, 187

 255, 227, 255

 86, 70, 160

 59, 47, 133

 29, 26, 108

 0, 5, 83

 0, 0, 59

 0, 2, 36

 0, 0, 12

■ 168, 145, 244

■ 168, 145, 244

■ 149, 121, 244

■ 187, 169, 244

■ 131, 96, 244

■ 205, 194, 244

■ 112, 72, 244

■ 224, 218, 244

■ 93, 47, 244

■ 243, 243, 244

■ 74, 23, 244

■ 244, 255, 244

■ 57, 0, 244

Harmonies

Analogous

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



64, 130, 255



168, 145, 244



224, 125, 207

Triad

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



168, 145, 244



223, 201, 71



0, 98, 184

Complementary

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



168, 145, 244



145, 244, 168

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.



59, 144, 181



168, 145, 244



83, 183, 54

Square

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



168, 145, 244



248, 125, 109



71, 173, 112



0, 98, 212

Rectangle

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



168, 145, 244



245, 117, 174



71, 173, 112



0, 103, 184

Sweetspot

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



168, 145, 244



232, 224, 255



145, 189, 244



114, 110, 128



0, 0, 0



128, 128, 128

Same Dimension

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



168, 145, 244



159, 130, 255



216, 145, 244



113, 110, 122



43, 0, 186



14, 0, 59

Inverse Universe

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



244, 145, 221



255, 130, 226



145, 244, 216



122, 110, 120



186, 0, 143



59, 0, 45

Previews

White Background



This preview shows how the RYB color 168, 145, 244 looks on a white background.

Color Contrast Check

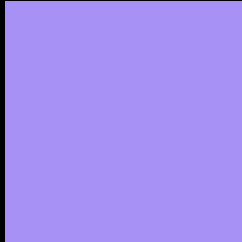
Large Text (above 18pt) WCAG AA × Fail

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 168, 145, 244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

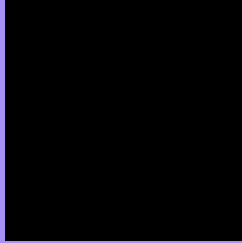
Any Text WCAG AA ✓ Pass

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 168, 145, 244 Background



This preview shows how black text looks on a background with the RYB color 168, 145, 244.



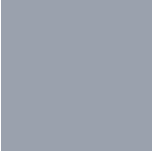
This preview shows how white text looks on a background with the RYB color 168, 145, 244.

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
154, 159, 173

Trichromacy



Original Color
168, 145, 244

Protanomaly
139, 151, 250

Deuteranomaly
139, 152, 242

Tritanomaly
159, 155, 199

Monochromacy



Original Color
168, 145, 244

Achromatopsia
163, 163, 163

Achromatomaly
165, 156, 192

CSS Examples

Text

The CSS property to change the color of the text to RYB 168, 145, 244 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(168, 145, 244)` looks like.

```
.text, #text, p{  
    color:rgb(168, 145, 244)  
}
```

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(168, 145, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 145, 244) }
```

Border

The CSS property to change the border of an element to RYB 168, 145, 244 is called "border". The border property can be set on classes, ids or directly on the HTML element.

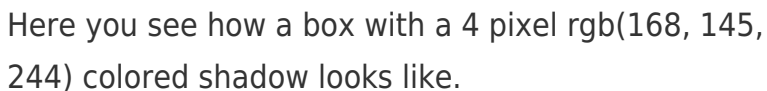
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 145, 244) }
```

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

```
.border{ border-color:rgb(168, 145, 244) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 145, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 145, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 145, 244);  
box-shadow:4px 4px 4px 4px rgb(168, 145,  
244) }
```

Background

The CSS property to change the background color of an element to RYB 168, 145, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 145, 244) }
```

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

```
.background{ background-color: rgb(168,  
145, 244) }
```

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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