

Converting Colors

`RYB(152, 136, 234)`

Have a look what the booklet for
RYB(152, 136, 234) contains.

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Color

`RYB(152, 136, 234)`

Conversions

Conversions Part 1

Format	Color
Hex	9888EA
RGB	152, 136, 234
RGB Percent	60%, 53%, 92%
CMY	0.4039, 0.4667, 0.0824
CMYK	0.35, 0.42, 0.00, 0.08
HSL	250°, 70%, 73%
HSV	250°, 42%, 92%
XYZ	36.6043, 30.2242, 81.7465
YIQ	151.9560, -21.9220, 33.8700

Conversions

Conversions Part 2

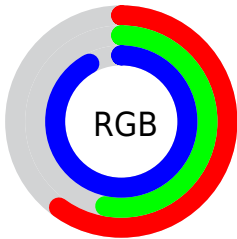
Format	Color
RYB	152, 136, 234
Decimal	9996522
CIELab	61.85, 28.23, -47.56
CIELCh	62, 55.302, 300.693
Yxy	30.2242, 0.2464, 0.2034
Android (android.graphics.Color)	4288186602 (0xFF9888EA)
YUV	151.9560, 40.4477, 0.0386
Hunter-Lab	54.9766, 22.6393, -49.6767

Details

The RYB color **152, 136, 234** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **136, 234, 152**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **209, 189, 255**, and **97, 86, 178** is the 20% darker color. If you saturate the color by 10%, you get **132, 113, 234**, and if you desaturate by 10%, it is **172, 159, 234**.

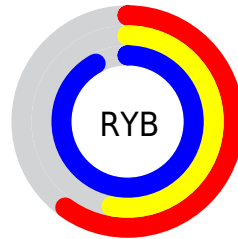
Distribution



Red (60%)

Green (53%)

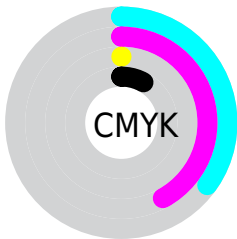
Blue (92%)



Red (60%)

Yellow (53%)

Blue (92%)

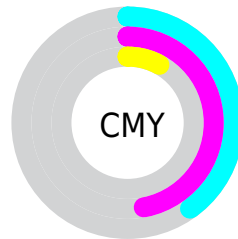


Cyan (35%)

Magenta (42%)

Yellow (0%)

Black (8%)



Cyan (40%)


Magenta (47%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RYB color 152, 136, 234 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 152, 136, 234 by changing the saturation by 10% instead.


 152, 136, 234


255, 255, 255

 209, 189, 255

 238, 217, 255

 255, 246, 255


 152, 136, 234

 124, 111, 206

 97, 86, 178

 70, 63, 151

 41, 40, 124

 0, 17, 99

 0, 0, 74

 0, 4, 51

 0, 2, 29

 0, 0, 0

■ 152, 136, 234

■ 152, 136, 234

■ 132, 113, 234

■ 172, 159, 234

■ 113, 89, 234

■ 191, 183, 234

■ 93, 66, 234

■ 211, 206, 234

■ 74, 42, 234

■ 230, 230, 234

■ 54, 19, 234

■ 234, 253, 237

■ 38, 0, 234

■ 234, 255, 234

Harmonies

Analogous

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



25, 107, 247



152, 136, 234



210, 116, 198

Triad

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



152, 136, 234



213, 181, 63



0, 93, 173

Complementary

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



152, 136, 234



136, 234, 152

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.



54, 137, 169



152, 136, 234



80, 175, 44

Square

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



152, 136, 234



236, 112, 102



59, 161, 95



0, 92, 198

Rectangle

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



152, 136, 234



231, 107, 167



59, 161, 95



0, 97, 172

Sweetspot

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



152, 136, 234



227, 222, 255



136, 181, 234



110, 107, 128



0, 0, 0



128, 128, 128

Same Dimension

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



152, 136, 234



148, 128, 255



200, 136, 234



107, 106, 117



30, 0, 181



9, 0, 54

Inverse Universe

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



234, 136, 218



255, 128, 234



136, 234, 200



117, 106, 115



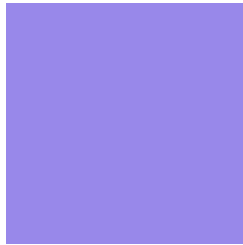
181, 0, 151



54, 0, 45

Previews

White Background



This preview shows how the RYB color 152, 136, 234 looks on a white background.

Color Contrast Check

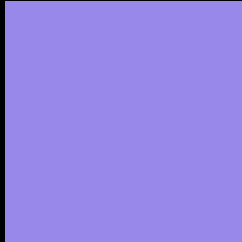
Large Text (above 18pt) WCAG AA × Fail

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 152, 136, 234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

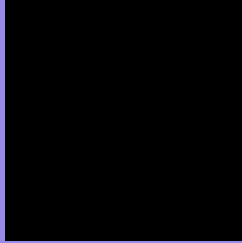
Any Text WCAG AA ✓ Pass

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 152, 136, 234 Background



This preview shows how black text looks on a background with the RYB color 152, 136, 234.

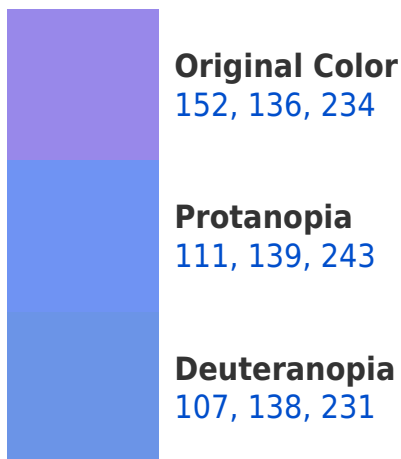


This preview shows how white text looks on a background with the RYB color 152, 136, 234.

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

137, 146, 163

Trichromacy



Original Color
152, 136, 234

Protanomaly
126, 140, 240

Deuteranomaly
123, 141, 232

Tritanomaly
142, 146, 189

Monochromacy



Original Color
152, 136, 234

Achromatopsia
152, 152, 152

Achromatomaly
152, 146, 182

CSS Examples

Text

The CSS property to change the color of the text to RYB 152, 136, 234 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(152, 136, 234)` looks like.

```
.text, #text, p{  
    color:rgb(152, 136, 234)  
}
```

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(152, 136, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 136, 234) }
```

Border

The CSS property to change the border of an element to RYB 152, 136, 234 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(152, 136, 234) }
```

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

```
.border{ border-color:rgb(152, 136, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 136, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 136, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 136, 234);  
box-shadow:4px 4px 4px 4px rgb(152, 136,  
234) }
```

Background

The CSS property to change the background color of an element to RYB 152, 136, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 136, 234) }
```

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

```
.background{ background-color: rgb(152,  
136, 234) }
```

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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