

Converting Colors

`RYB(152, 81, 194)`

Have a look what the booklet for
RYB(152, 81, 194) contains.

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Color

R_YB(152, 81, 194)

Conversions

Conversions Part 1

Format	Color
Hex	9851C2
RGB	152, 81, 194
RGB Percent	60%, 32%, 76%
CMY	0.4039, 0.6824, 0.2392
CMYK	0.22, 0.58, 0.00, 0.24
HSL	278°, 48%, 54%
HSV	278°, 58%, 76%
XYZ	25.6289, 16.4553, 52.8643
YIQ	115.1110, 6.0430, 50.1950

Conversions

Conversions Part 2

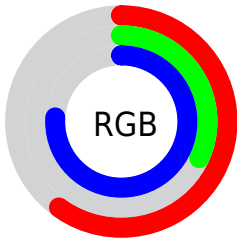
Format	Color
R_{YB}	152, 81, 194
Decimal	9982402
CIE _{Lab}	47.57, 49.03, -47.60
CIE _{LCh}	48, 68.333, 315.851
Yxy	16.4553, 0.2699, 0.1733
Android (android.graphics.Color)	4288172482 (0xFF9851C2)
YUV	115.1110, 38.8923, 32.3517
Hunter-Lab	40.5651, 41.7868, -48.8709

Details

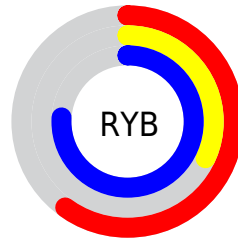
The RYB color **152, 81, 194** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **81, 194, 152**, and the grayscale version is **115, 115, 115**.

A 20% lighter version of the original color is **209, 133, 251**, and **97, 29, 140** is the 20% darker color. If you saturate the color by 10%, you get **145, 62, 194**, and if you desaturate by 10%, it is **159, 100, 194**.

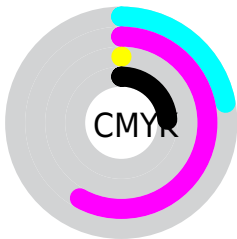
Distribution



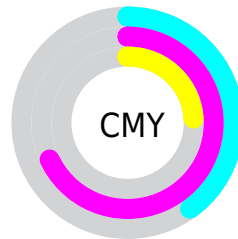
- Red (60%)
- Green (32%)
- Blue (76%)



- Red (60%)
- Yellow (32%)
- Blue (76%)



- Cyan (22%)
- Magenta (58%)
- Yellow (0%)
- Black (24%)



- Cyan (40%)
- Magenta (68%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 152, 81, 194 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, 81, 194 by changing the saturation by 10% instead.

 152, 81, 194

255, 255, 255

 209, 133, 251


 238, 161, 255

 255, 188, 255


 255, 217, 255

 255, 246, 255


 152, 81, 194

 124, 55, 166


 97, 29, 140

 71, 0, 114

 44, 0, 88

 19, 0, 64

 0, 3, 41

 0, 1, 19

 0, 0, 0

 152, 81, 194

 152, 81, 194

■ 145, 62, 194

■ 159, 100, 194

■ 138, 42, 194

■ 166, 120, 194

■ 130, 23, 194

■ 174, 139, 194

■ 123, 3, 194

■ 181, 159, 194

■ 122, 0, 194

■ 188, 178, 194

■ 194, 197, 196

■ 194, 217, 209

■ 194, 236, 220

■ 194, 255, 232

Harmonies

Analogous

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



0, 74, 225



152, 81, 194



201, 48, 143

Triad

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



152, 81, 194



94, 159, 0



0, 70, 143

Complementary

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



152, 81, 194



81, 194, 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.



0, 84, 136



152, 81, 194



0, 120, 11

Square

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



152, 81, 194



196, 87, 29



17, 131, 120



0, 80, 195

Rectangle

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



152, 81, 194



212, 39, 104



17, 131, 120



0, 73, 138

Sweetspot

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



152, 81, 194



236, 210, 252



81, 112, 194



118, 102, 128



0, 0, 0



128, 128, 128

Same Dimension

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



152, 81, 194



187, 76, 252



194, 81, 181



93, 87, 97



101, 0, 161



21, 0, 33

Inverse Universe

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



194, 81, 123



252, 76, 141



81, 182, 194



97, 87, 91



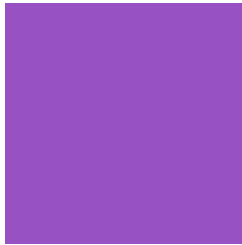
161, 0, 60



33, 0, 12

Previews

White Background



This preview shows how the RYB color 152, 81, 194 looks on a white background.

Color Contrast Check

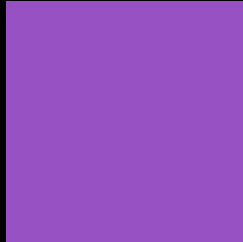
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 152, 81, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

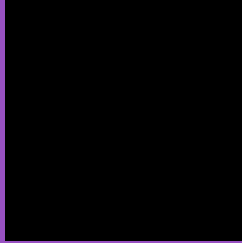
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 152, 81, 194 Background



This preview shows how black text looks on a background with the RYB color 152, 81, 194.

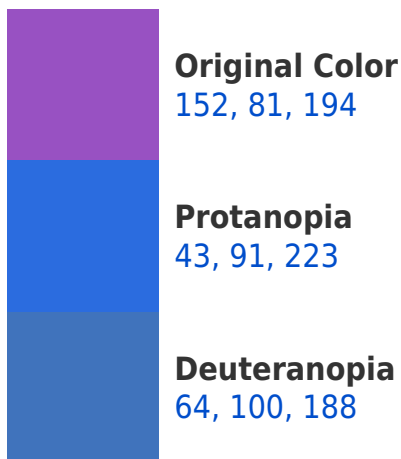



This preview shows how white text looks on a background with the RYB color 152, 81, 194.

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
139, 103, 111

Trichromacy



Original Color

152, 81, 194



Protanomaly

83, 97, 212



Deuteranomaly

96, 102, 190



Tritanomaly

144, 95, 141

Monochromacy



Original Color

152, 81, 194



Achromatopsia

115, 115, 115



Achromatomaly

128, 103, 144

CSS Examples

Text

The CSS property to change the color of the text to RYB 152, 81, 194 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, 81, 194)` looks like.

```
.text, #text, p{  
    color:rgb(152, 81, 194)  
}
```

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, 81, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 81, 194) }
```

Border

The CSS property to change the border of an element to RYB 152, 81, 194 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, 81, 194) }
```

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

```
.border{ border-color:rgb(152, 81, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 81, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 81, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 81, 194);  
box-shadow:4px 4px 4px 4px rgb(152, 81,  
194) }
```

Background

The CSS property to change the background color of an element to RGB 152, 81, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 81, 194) }
```

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

```
.background{ background-color: rgb(152, 81,  
194) }
```

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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