

Converting Colors

`RYB(151, 128, 194)`

Have a look what the booklet for
RYB(151, 128, 194) contains.

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Color

R_YB(151, 128, 194)

Conversions

Conversions Part 1

Format	Color
Hex	9780C2
RGB	151, 128, 194
RGB Percent	59%, 50%, 76%
CMY	0.4078, 0.4980, 0.2392
CMYK	0.22, 0.34, 0.00, 0.24
HSL	261°, 35%, 63%
HSV	261°, 34%, 76%
XYZ	30.2193, 25.9127, 54.4479
YIQ	142.4010, -7.4780, 25.4020

Conversions

Conversions Part 2

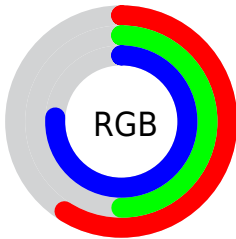
Format	Color
RYB	151, 128, 194
Decimal	9928898
CIELab	57.95, 22.49, -31.24
CIELCh	58, 38.494, 305.754
Yxy	25.9127, 0.2733, 0.2343
Android (android.graphics.Color)	4288118978 (0xFF9780C2)
YUV	142.4010, 25.4383, 7.5413
Hunter-Lab	50.9045, 16.8830, -27.7839

Details

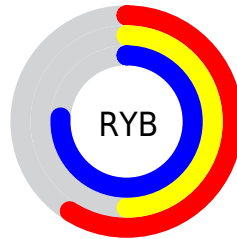
The RYB color **151, 128, 194** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **128, 194, 151**, and the grayscale version is **142, 142, 142**.

A 20% lighter version of the original color is **206, 181, 251**, and **99, 79, 140** is the 20% darker color. If you saturate the color by 10%, you get **138, 109, 194**, and if you desaturate by 10%, it is **164, 147, 194**.

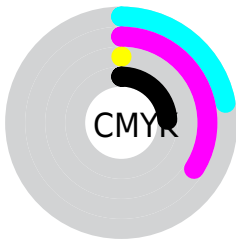
Distribution



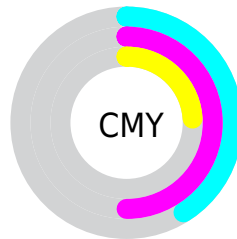
- Red (59%)
- Green (50%)
- Blue (76%)



- Red (59%)
- Yellow (50%)
- Blue (76%)



- Cyan (22%)
- Magenta (34%)
- Yellow (0%)
- Black (24%)




- Cyan (41%)
- Magenta (50%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 151, 128, 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 151, 128, 194 by changing the saturation by 10% instead.


 151, 128, 194


255, 255, 255

 206, 181, 251

 235, 209, 255

 255, 237, 255

 151, 128, 194

 124, 103, 167

 99, 79, 140

 74, 55, 114

 49, 34, 89


 25, 13, 66

 0, 0, 43

 0, 1, 21

 0, 0, 0


 151, 128, 194


 151, 128, 194

 138, 109, 194


 164, 147, 194

 126, 89, 194

 176, 167, 194

 113, 70, 194

 189, 186, 194

 100, 50, 194


 194, 206, 198

 88, 31, 194

 194, 225, 205

 75, 12, 194

 194, 244, 211

 68, 0, 194

 194, 255, 210

 194, 255, 197

 194, 255, 194

Harmonies

Analogous

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



97, 128, 206



151, 128, 194



186, 116, 168

Triad

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



151, 128, 194



183, 173, 78



0, 82, 157

Complementary

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



151, 128, 194



128, 194, 151

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.



75, 131, 155



151, 128, 194



89, 154, 71

Square

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



151, 128, 194



200, 120, 102



83, 149, 114



0, 83, 178

Rectangle

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



151, 128, 194



199, 112, 145



83, 149, 114



30, 99, 156

Sweetspot

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



151, 128, 194



236, 227, 252



128, 154, 194



118, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

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



151, 128, 194



185, 149, 252



183, 128, 194



91, 87, 97



56, 0, 161



12, 0, 33

Inverse Universe

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



194, 128, 171



252, 149, 216



128, 194, 183



97, 87, 94



161, 0, 105



33, 0, 22

Previews

White Background



This preview shows how the RYB color 151, 128, 194 looks on a white background.

Color Contrast Check

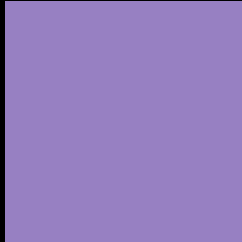
Large Text (above 18pt) WCAG AA ✓ Pass

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 151, 128, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

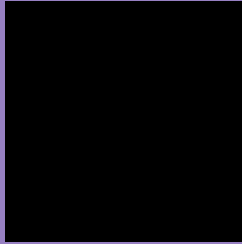
Any Text WCAG AA ✓ Pass

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 151, 128, 194 Background



This preview shows how black text looks on a background with the RYB color 151, 128, 194.

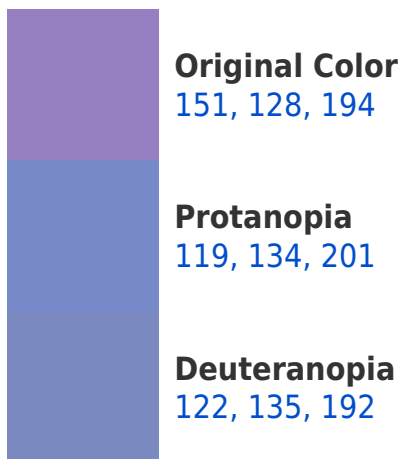


This preview shows how white text looks on a background with the RYB color 151, 128, 194.

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
143, 137, 148

Trichromacy



Original Color
151, 128, 194

Protanomaly
131, 134, 198

Deuteranomaly
133, 134, 193

Tritanomaly
146, 134, 165

Monochromacy



Original Color
151, 128, 194

Achromatopsia
142, 142, 142

Achromatomaly
145, 137, 161

CSS Examples

Text

The CSS property to change the color of the text to RYB 151, 128, 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(151, 128, 194)` looks like.

```
.text, #text, p{  
    color:rgb(151, 128, 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(151, 128, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 128, 194) }
```

Border

The CSS property to change the border of an element to RYB 151, 128, 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(151, 128, 194) }
```

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

```
.border{ border-color:rgb(151, 128, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 128, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 128, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 128, 194); box-shadow:4px 4px 4px 4px rgb(151, 128, 194) }
```

Background

The CSS property to change the background color of an element to RYB 151, 128, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 128, 194) }
```

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

```
.background{ background-color: rgb(151,  
128, 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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