

Converting Colors

`RYB(151, 73, 225)`

Have a look what the booklet for
RYB(151, 73, 225) contains.

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Color

R_YB(151, 73, 225)

Conversions

Conversions Part 1

Format	Color
Hex	9749E1
RGB	151, 73, 225
RGB Percent	59%, 29%, 88%
CMY	0.4078, 0.7137, 0.1176
CMYK	0.33, 0.68, 0.00, 0.12
HSL	271°, 72%, 58%
HSV	271°, 68%, 88%
XYZ	28.7356, 16.7806, 72.9586
YIQ	113.6500, -2.3040, 63.8080

Conversions

Conversions Part 2

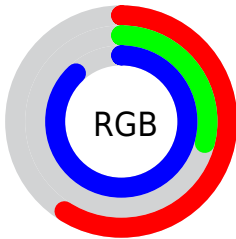
Format	Color
RYB	151, 73, 225
Decimal	9914849
CIELab	47.98, 59.79, -64.70
CIELCh	48, 88.098, 312.745
Yxy	16.7806, 0.2425, 0.1416
Android (android.graphics.Color)	4288104929 (0xFF9749E1)
YUV	113.6500, 54.8955, 32.7559
Hunter-Lab	40.9642, 53.5273, -76.9226

Details

The RYB color **151, 73, 225** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **73, 225, 151**, and the grayscale version is **113, 113, 113**.

A 20% lighter version of the original color is **210, 127, 255**, and **93, 12, 169** is the 20% darker color. If you saturate the color by 10%, you get **140, 51, 225**, and if you desaturate by 10%, it is **162, 95, 225**.

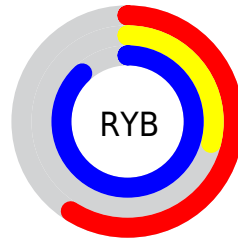
Distribution



Red (59%)

Green (29%)

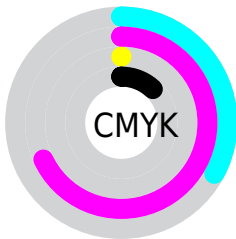
Blue (88%)



Red (59%)

Yellow (29%)

Blue (88%)

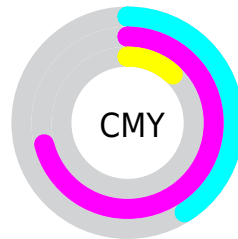


Cyan (33%)

Magenta (68%)

Yellow (0%)

Black (12%)



Cyan (41%)

Magenta (71%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 151, 73, 225 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, 73, 225 by changing the saturation by 10% instead.



151, 73, 225



151, 73, 225

255, 255, 255



122, 46, 196



210, 127, 255



93, 12, 169



239, 154, 255



63, 0, 141



255, 182, 255



29, 0, 115



255, 210, 255



0, 0, 90



255, 239, 255



0, 1, 65



0, 3, 42



0, 1, 20



0, 0, 0

■ 151, 73, 225

■ 151, 73, 225

■ 140, 51, 225

■ 162, 95, 225

■ 129, 28, 225

■ 173, 118, 225

■ 118, 5, 225

■ 184, 140, 225

■ 115, 0, 225

■ 195, 163, 225

■ 206, 186, 225

■ 217, 208, 225

■ 225, 231, 228

■ 225, 253, 239

■ 225, 255, 230

Harmonies

Analogous

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



0, 79, 255



151, 73, 225



220, 0, 160

Triad

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



151, 73, 225



145, 173, 0



0, 72, 145

Complementary

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



151, 73, 225



73, 225, 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.



0, 96, 141



151, 73, 225



0, 121, 11

Square

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



151, 73, 225



219, 54, 3



0, 135, 135



0, 86, 215

Rectangle

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



151, 73, 225



237, 0, 111



0, 135, 135



0, 78, 143

Sweetspot

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



151, 73, 225



230, 204, 255



73, 124, 225



113, 97, 128



0, 0, 0



128, 128, 128

Same Dimension

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



151, 73, 225



154, 48, 255



225, 73, 225



107, 101, 112



90, 0, 176



25, 0, 48

Inverse Universe

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



225, 73, 147



255, 48, 149



73, 225, 225



112, 101, 106



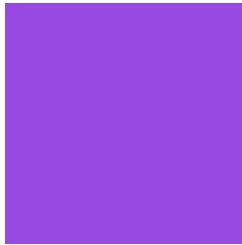
176, 0, 86



48, 0, 24

Previews

White Background



This preview shows how the RYB color 151, 73, 225 looks on a white background.

Color Contrast Check

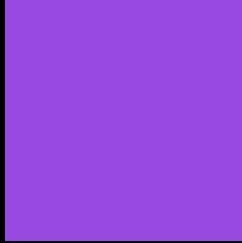
Large Text (above 18pt) WCAG AA ✓ Pass

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 151, 73, 225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

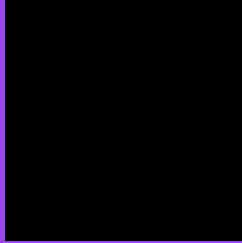
Any Text WCAG AA × Fail

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 151, 73, 225 Background



This preview shows how black text looks on a background with the RYB color 151, 73, 225.

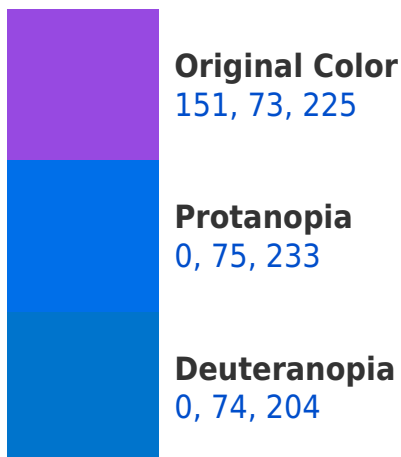



This preview shows how white text looks on a background with the RYB color 151, 73, 225.

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





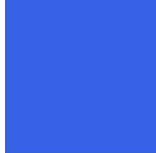
Tritanopia
130, 108, 116

Trichromacy



Original Color

151, 73, 225



Protanomaly

55, 89, 230



Deuteranomaly

55, 90, 212



Tritanomaly

138, 95, 156

Monochromacy



Original Color

151, 73, 225



Achromatopsia

114, 114, 114



Achromatomaly

127, 99, 154

CSS Examples

Text

The CSS property to change the color of the text to RYB 151, 73, 225 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, 73, 225)` looks like.

```
.text, #text, p{  
    color:rgb(151, 73, 225)  
}
```

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, 73, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 73, 225) }
```

Border

The CSS property to change the border of an element to RYB 151, 73, 225 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, 73, 225) }
```

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

```
.border{ border-color:rgb(151, 73, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 73, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 73, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 73, 225);  
box-shadow:4px 4px 4px 4px rgb(151, 73,  
225) }
```

Background

The CSS property to change the background color of an element to RYB 151, 73, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 73, 225) }
```

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

```
.background{ background-color: rgb(151, 73,  
225) }
```

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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