

Converting Colors

`RYB(155, 75, 219)`

Have a look what the booklet for
RYB(155, 75, 219) contains.

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Color

R_YB(155, 75, 219)

Conversions

Conversions Part 1

Format	Color
Hex	9B4BDB
RGB	155, 75, 219
RGB Percent	61%, 29%, 86%
CMY	0.3922, 0.7059, 0.1412
CMYK	0.29, 0.66, 0.00, 0.14
HSL	273°, 67%, 58%
HSV	273°, 66%, 86%
XYZ	28.8198, 17.1152, 68.8024
YIQ	115.3360, 1.4560, 61.7440

Conversions

Conversions Part 2

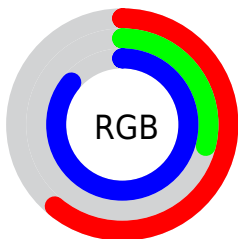
Format	Color
R_{YB}	155, 75, 219
Decimal	10177499
CIE _{Lab}	48.40, 58.30, -60.58
CIE _{LCh}	48, 84.078, 313.901
Yxy	17.1152, 0.2512, 0.1492
Android (android.graphics.Color)	4288367579 (0xFF9B4BDB)
YUV	115.3360, 51.1064, 34.7853
Hunter-Lab	41.3705, 51.9496, -69.6446

Details

The RYB color **155, 75, 219** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **75, 219, 155**, and the grayscale version is **115, 115, 115**.

A 20% lighter version of the original color is **213, 129, 255**, and **98, 16, 163** is the 20% darker color. If you saturate the color by 10%, you get **145, 53, 219**, and if you desaturate by 10%, it is **165, 97, 219**.

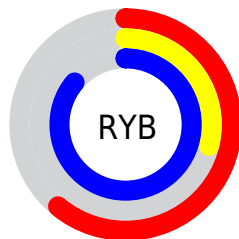
Distribution



Red (61%)

Green (29%)

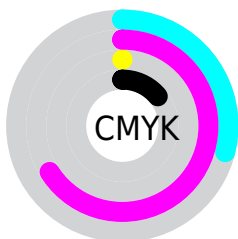
Blue (86%)



Red (61%)

Yellow (29%)

Blue (86%)

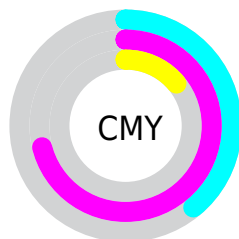


Cyan (29%)

Magenta (66%)

Yellow (0%)

Black (14%)



Cyan (39%)


















Magenta (71%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RYB color 155, 75, 219 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 155, 75, 219 by changing the saturation by 10% instead.

 155, 75, 219	 155, 75, 219
 255, 255, 255	 126, 48, 191
 213, 129, 255	 98, 16, 163
 243, 156, 255	 69, 0, 136
 255, 184, 255	 39, 0, 110
 255, 212, 255	 2, 0, 85
 255, 241, 255	 0, 0, 60
	 0, 2, 38
	 0, 1, 14
	 0, 0, 0

■ 155, 75, 219

■ 155, 75, 219

■ 145, 53, 219

■ 165, 97, 219

■ 136, 31, 219

■ 174, 119, 219

■ 126, 9, 219

■ 184, 141, 219

■ 122, 0, 219

■ 194, 163, 219

■ 204, 184, 219

■ 213, 206, 219

■ 219, 228, 224

■ 219, 250, 236

■ 219, 255, 231

Harmonies

Analogous

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



0, 79, 255



155, 75, 219



219, 0, 156

Triad

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



155, 75, 219



130, 171, 0



0, 73, 147

Complementary

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



155, 75, 219



75, 219, 155

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, 94, 142



155, 75, 219



0, 122, 12

Square

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



155, 75, 219



215, 67, 8



0, 135, 135



0, 86, 213

Rectangle

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



155, 75, 219



234, 0, 109



0, 135, 135



0, 77, 143

Sweetspot

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



155, 75, 219



232, 204, 255



75, 120, 219



114, 97, 128



0, 0, 0



128, 128, 128

Same Dimension

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



155, 75, 219



165, 54, 255



219, 75, 212



105, 99, 110



96, 0, 173



25, 0, 46

Inverse Universe

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



219, 75, 139



255, 54, 143



75, 212, 219



110, 99, 104



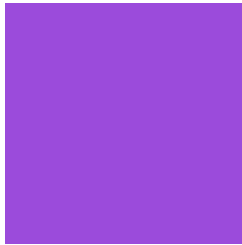
173, 0, 77



46, 0, 20

Previews

White Background



This preview shows how the RYB color 155, 75, 219 looks on a white background.

Color Contrast Check

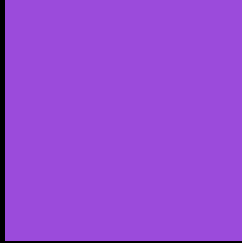
Large Text (above 18pt) WCAG AA ✓ Pass

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 155, 75, 219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

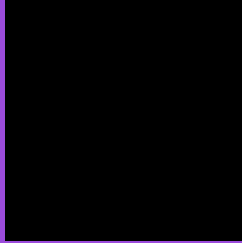
Any Text WCAG AA × Fail

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 155, 75, 219 Background



This preview shows how black text looks on a background with the RYB color 155, 75, 219.

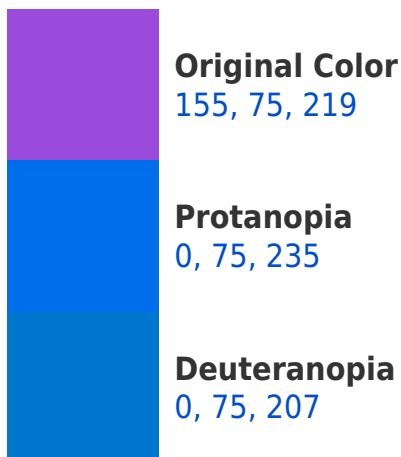


This preview shows how white text looks on a background with the RYB color 155, 75, 219.

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
136, 107, 115

Trichromacy



Original Color

155, 75, 219



Protanomaly

56, 90, 229



Deuteranomaly

56, 91, 211



Tritanomaly

143, 95, 153

Monochromacy



Original Color

155, 75, 219



Achromatopsia

115, 115, 115



Achromatomaly

130, 100, 153

CSS Examples

Text

The CSS property to change the color of the text to RYB 155, 75, 219 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(155, 75, 219)` looks like.

```
.text, #text, p{  
    color:rgb(155, 75, 219)  
}
```

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(155, 75, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 75, 219) }
```

Border

The CSS property to change the border of an element to RYB 155, 75, 219 is called "border". The border property can be set on classes, ids or directly on the HTML element.

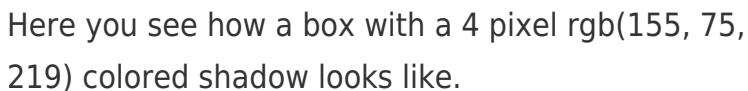
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 75, 219) }
```

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

```
.border{ border-color:rgb(155, 75, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 75, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 75, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 75, 219); box-shadow:4px 4px 4px 4px rgb(155, 75, 219) }
```

Background

The CSS property to change the background color of an element to RGB 155, 75, 219 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 75, 219) }
```

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

```
.background{ background-color: rgb(155, 75,  
219) }
```

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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