

Converting Colors

`RYB(151, 25, 252)`

Have a look what the booklet for
RYB(151, 25, 252) contains.

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Color

R_YB(151, 25, 252)

Conversions

Conversions Part 1

Format	Color
Hex	9719FC
RGB	151, 25, 252
RGB Percent	59%, 10%, 99%
CMY	0.4078, 0.9020, 0.0118
CMYK	0.40, 0.90, 0.00, 0.01
HSL	273°, 97%, 54%
HSV	273°, 90%, 99%
XYZ	30.6808, 14.3028, 93.2391
YIQ	88.5520, 2.2290, 97.3090

Conversions

Conversions Part 2

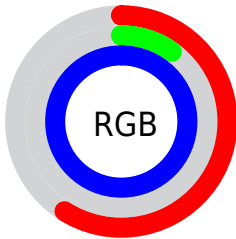
Format	Color
R_{YB}	151, 25, 252
Decimal	9902588
CIE _{Lab}	44.66, 81.51, -85.33
CIE _{LCh}	45, 118.000, 313.687
Yxy	14.3028, 0.2220, 0.1035
Android (android.graphics.Color)	4288092668 (0xFF9719FC)
YUV	88.5520, 80.5799, 54.7669
Hunter-Lab	37.8191, 78.6250, -119.7001

Details

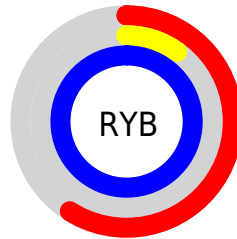
The RYB color **151, 25, 252** is a dark color, and the websafe version is hex **9900FF**. The color can be described as middle washed purple. A complement of this color would be **25, 252, 151**, and the grayscale version is **88, 88, 88**.

A 20% lighter version of the original color is **213, 94, 255**, and **87, 0, 194** is the 20% darker color. If you saturate the color by 10%, you get **140, 0, 252**, and if you desaturate by 10%, it is **162, 50, 252**.

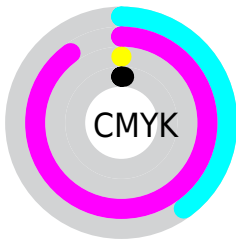
Distribution



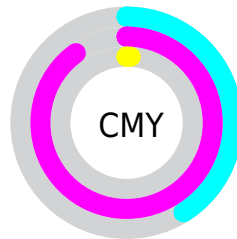
- Red (59%)
- Green (10%)
- Blue (99%)



- Red (59%)
- Yellow (10%)
- Blue (99%)



- Cyan (40%)
- Magenta (90%)
- Yellow (0%)
- Black (1%)





















- Cyan (41%)
- Magenta (90%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RYB color 151, 25, 252 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, 25, 252 by changing the saturation by 10% instead.

 151, 25, 252	 151, 25, 252
 255, 255, 255	 120, 0, 223
 213, 94, 255	 87, 0, 194
 244, 123, 255	 51, 0, 166
 255, 152, 255	 0, 0, 138
 255, 181, 255	 0, 0, 112
 255, 211, 255	 0, 0, 86
 255, 241, 255	 0, 5, 62
	 0, 3, 39
	 0, 1, 16

■ 151, 25, 252

■ 151, 25, 252

■ 140, 0, 252

■ 162, 50, 252

■ 173, 75, 252

■ 185, 101, 252

■ 196, 126, 252

■ 207, 151, 252

■ 218, 176, 252

■ 229, 201, 252

■ 241, 227, 252

■ 252, 252, 252

Harmonies

Analogous

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



0, 76, 255



151, 25, 252



243, 0, 164

Triad

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



151, 25, 252



172, 150, 0



0, 72, 150

Complementary

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



151, 25, 252



25, 252, 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, 103, 136



151, 25, 252



0, 116, 30

Square

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



151, 25, 252



232, 0, 0



0, 131, 131



0, 89, 243

Rectangle

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



151, 25, 252



255, 0, 99



0, 131, 131



0, 75, 138

Sweetspot

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



151, 25, 252



224, 186, 255



25, 95, 252



109, 87, 128



0, 0, 0



128, 128, 128

Same Dimension

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



151, 25, 252



142, 0, 255



252, 25, 241



119, 112, 125



105, 0, 189



34, 0, 61

Inverse Universe

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



252, 25, 126



255, 0, 113



25, 242, 252



125, 112, 118



189, 0, 84



61, 0, 27

Previews

White Background



This preview shows how the RYB color 151, 25, 252 looks on a white background.

Color Contrast Check

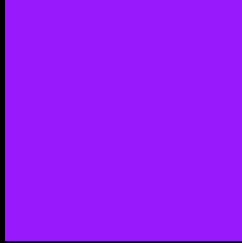
Large Text (above 18pt) WCAG AA ✓ Pass

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, 25, 252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

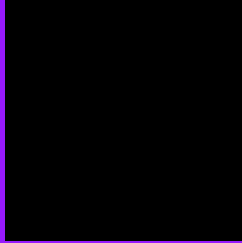
Any Text WCAG AA × Fail

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](#).

RGB 151, 25, 252 Background



This preview shows how black text looks on a background with the RGB color 151, 25, 252.

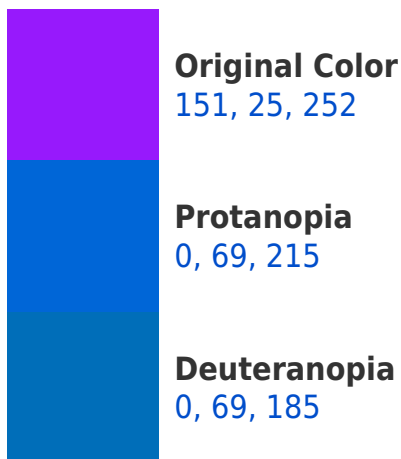



This preview shows how white text looks on a background with the RGB color 151, 25, 252.

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
120, 100, 108

Trichromacy



Original Color

151, 25, 252



Protanomaly

55, 72, 228



Deuteranomaly

55, 75, 209



Tritanomaly

131, 73, 160

Monochromacy



Original Color

151, 25, 252



Achromatopsia

89, 89, 89



Achromatomaly

112, 66, 148

CSS Examples

Text

The CSS property to change the color of the text to RYB 151, 25, 252 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, 25, 252)` looks like.

```
.text, #text, p{  
    color:rgb(151, 25, 252)  
}
```

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, 25, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 25, 252) }
```

Border

The CSS property to change the border of an element to RYB 151, 25, 252 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, 25, 252) }
```

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

```
.border{ border-color:rgb(151, 25, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 25, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 25, 252); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 25, 252); box-shadow:4px 4px 4px 4px rgb(151, 25, 252) }
```

Background

The CSS property to change the background color of an element to RGB 151, 25, 252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 25, 252) }
```

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

```
.background{ background-color: rgb(151, 25,  
252) }
```

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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