

Converting Colors

`RYB(126, 21, 239)`

Have a look what the booklet for
RYB(126, 21, 239) contains.

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Color

R_YB(126, 21, 239)

Conversions

Conversions Part 1

Format	Color
Hex	7E15EF
RGB	126, 21, 239
RGB Percent	49%, 8%, 94%
CMY	0.5059, 0.9176, 0.0627
CMYK	0.47, 0.91, 0.00, 0.06
HSL	269°, 87%, 51%
HSV	269°, 91%, 94%
XYZ	24.4523, 11.2039, 82.5352
YIQ	77.2470, -7.3980, 90.0580

Conversions

Conversions Part 2

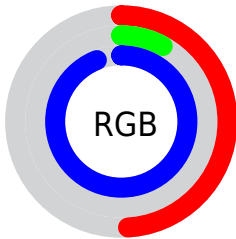
Format	Color
R _Y B	126, 21, 239
Decimal	8263151
CIE Lab	39.92, 76.96, -85.94
CIE LCh	40, 115.363, 311.845
Yxy	11.2039, 0.2069, 0.0948
Android (android.graphics.Color)	4286453231 (0xFF7E15EF)
YUV	77.2470, 79.7442, 42.7564
Hunter-Lab	33.4723, 71.8221, -122.7652

Details

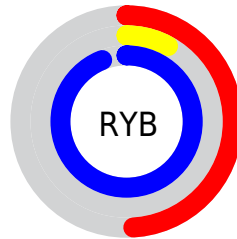
The RYB color **126, 21, 239** is a dark color, and the websafe version is hex **9933FF**. The color can be described as dark washed purple. A complement of this color would be **21, 239, 126**, and the grayscale version is **76, 76, 76**.

A 20% lighter version of the original color is **188, 88, 255**, and **58, 0, 181** is the 20% darker color. If you saturate the color by 10%, you get **115, 0, 239**, and if you desaturate by 10%, it is **138, 45, 239**.

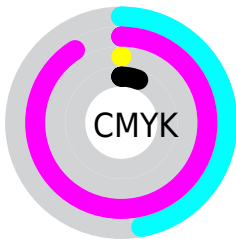
Distribution



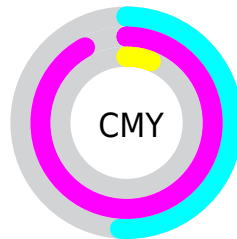
- Red (49%)
- Green (8%)
- Blue (94%)



- Red (49%)
- Yellow (8%)
- Blue (94%)



- Cyan (47%)
- Magenta (91%)
- Yellow (0%)
- Black (6%)




- Cyan (51%)
- Magenta (92%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RYB color 126, 21, 239 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 126, 21, 239 by changing the saturation by 10% instead.

 126, 21, 239

 126, 21, 239


255, 255, 255


 94, 0, 210


 188, 88, 255

 58, 0, 181

 219, 116, 255

 0, 0, 154

 250, 145, 255

 0, 0, 127

 255, 173, 255

 0, 0, 100

 255, 202, 255

 0, 8, 75

 255, 232, 255

 0, 4, 52

 0, 2, 29

 0, 0, 0

■ 126, 21, 239

■ 126, 21, 239

■ 115, 0, 239

■ 138, 45, 239

■ 151, 69, 239

■ 163, 93, 239

■ 176, 117, 239

■ 188, 141, 239

■ 200, 164, 239

■ 213, 188, 239

■ 225, 212, 239

■ 237, 236, 239

Harmonies

Analogous

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



0, 71, 255



126, 21, 239



222, 0, 155

Triad

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



126, 21, 239



160, 109, 0



0, 64, 131

Complementary

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



126, 21, 239



21, 239, 126

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, 101, 122



126, 21, 239



0, 103, 23

Square

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



126, 21, 239



216, 0, 0



0, 117, 117



0, 81, 222

Rectangle

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



126, 21, 239



242, 0, 94



0, 117, 117



0, 69, 124

Sweetspot

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



126, 21, 239



219, 186, 255



21, 97, 239



106, 87, 128



0, 0, 0



128, 128, 128

Same Dimension

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



126, 21, 239



123, 0, 255



232, 21, 239



114, 108, 120



88, 0, 184



27, 0, 56

Inverse Universe

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



239, 21, 134



255, 0, 132



21, 239, 232



120, 108, 114



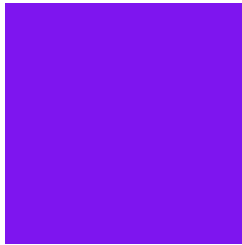
184, 0, 95



56, 0, 29

Previews

White Background



This preview shows how the RYB color 126, 21, 239 looks on a white background.

Color Contrast Check

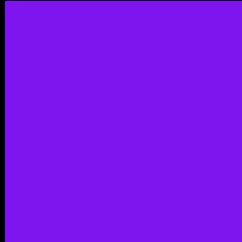
Large Text (above 18pt) WCAG AA ✓ Pass

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 126, 21, 239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

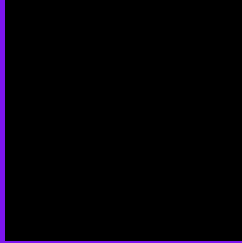
Any Text WCAG AA × Fail

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 126, 21, 239 Background



This preview shows how black text looks on a background with the RGB color 126, 21, 239.

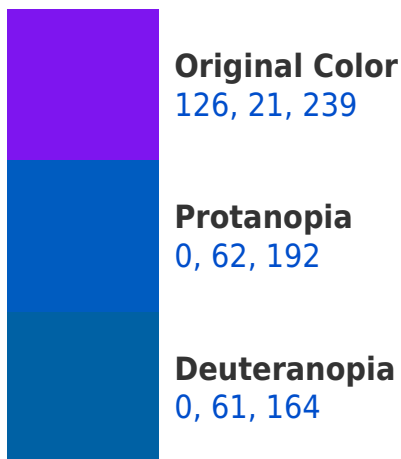



This preview shows how white text looks on a background with the RGB color 126, 21, 239.

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
91, 93, 102

Trichromacy



Original Color

126, 21, 239



Protanomaly

46, 64, 209



Deuteranomaly

46, 66, 191



Tritanomaly

104, 67, 152

Monochromacy



Original Color

126, 21, 239



Achromatopsia

77, 77, 77



Achromatomaly

95, 57, 136

CSS Examples

Text

The CSS property to change the color of the text to RYB 126, 21, 239 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(126, 21, 239)` looks like.

```
.text, #text, p{  
    color:rgb(126, 21, 239)  
}
```

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(126, 21, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 21, 239) }
```

Border

The CSS property to change the border of an element to RYB 126, 21, 239 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(126, 21, 239) }
```

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

```
.border{ border-color:rgb(126, 21, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 21, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 21, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 21, 239);  
box-shadow:4px 4px 4px 4px rgb(126, 21,  
239) }
```

Background

The CSS property to change the background color of an element to RGB 126, 21, 239 is called "background".

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

```
.background, #background, body{  
background: rgb(126, 21, 239) }
```

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

```
.background{ background-color: rgb(126, 21,  
239) }
```

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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