

Converting Colors

`RYB(125, 17, 240)`

Have a look what the booklet for
RYB(125, 17, 240) contains.

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Color

R_YB(125, 17, 240)

Conversions

Conversions Part 1

Format	Color
Hex	7D11F0
RGB	125, 17, 240
RGB Percent	49%, 7%, 94%
CMY	0.5098, 0.9333, 0.0588
CMYK	0.48, 0.93, 0.00, 0.06
HSL	269°, 88%, 50%
HSV	269°, 93%, 94%
XYZ	24.3861, 11.0521, 83.2861
YIQ	74.7140, -7.2150, 92.2490

Conversions

Conversions Part 2

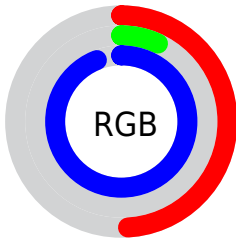
Format	Color
R _{YB}	125, 17, 240
Decimal	8196592
CIE Lab	39.67, 77.77, -86.93
CIE LCh	40, 116.637, 311.816
Yxy	11.0521, 0.2054, 0.0931
Android (android.graphics.Color)	4286386672 (0xFF7D11F0)
YUV	74.7140, 81.4860, 44.1008
Hunter-Lab	33.2448, 72.7570, -125.2643

Details

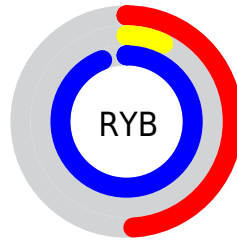
The RYB color **125, 17, 240** is a dark color, and the websafe version is hex **9900FF**. The color can be described as dark washed purple. A complement of this color would be **17, 240, 125**, and the grayscale version is **74, 74, 74**.

A 20% lighter version of the original color is **188, 86, 255**, and **56, 0, 182** is the 20% darker color. If you saturate the color by 10%, you get **116, 0, 240**, and if you desaturate by 10%, it is **137, 41, 240**.

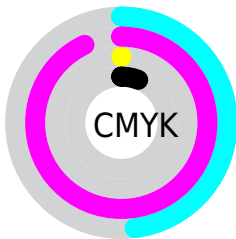
Distribution



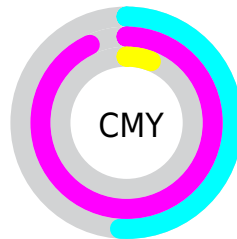
- Red (49%)
- Green (7%)
- Blue (94%)



- Red (49%)
- Yellow (7%)
- Blue (94%)



- Cyan (48%)
- Magenta (93%)
- Yellow (0%)
- Black (6%)





















- Cyan (51%)
- Magenta (93%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RYB color 125, 17, 240 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 125, 17, 240 by changing the saturation by 10% instead.

 125, 17, 240	 125, 17, 240
 255, 255, 255	 92, 0, 211
 188, 86, 255	 56, 0, 182
 219, 115, 255	 0, 0, 154
 250, 143, 255	 0, 0, 128
 255, 172, 255	 0, 0, 101
 255, 201, 255	 0, 8, 76
 255, 230, 255	 0, 4, 52
	 0, 2, 30
	 0, 0, 0

■ 125, 17, 240

■ 125, 17, 240

■ 116, 0, 240

■ 137, 41, 240

■ 150, 65, 240

■ 162, 89, 240

■ 175, 113, 240

■ 187, 137, 240

■ 199, 161, 240

■ 212, 185, 240

■ 224, 209, 240

■ 236, 233, 240

Harmonies

Analogous

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



0, 71, 255



125, 17, 240



223, 0, 155

Triad

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



125, 17, 240



160, 107, 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.



125, 17, 240



17, 240, 125

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, 102, 121



125, 17, 240



0, 102, 23

Square

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



125, 17, 240



217, 0, 0



0, 116, 116



0, 81, 222

Rectangle

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



125, 17, 240



243, 0, 93



0, 116, 116



0, 69, 123

Sweetspot

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



125, 17, 240



218, 184, 255



17, 93, 240



105, 84, 128



0, 0, 0



128, 128, 128

Same Dimension

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



125, 17, 240



123, 0, 255



236, 17, 240



114, 108, 120



89, 0, 184



27, 0, 56

Inverse Universe

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



240, 17, 132



255, 0, 132



17, 240, 236



120, 108, 114



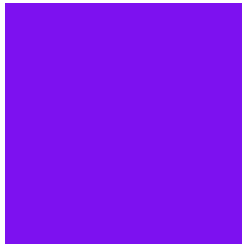
184, 0, 95



56, 0, 29

Previews

White Background



This preview shows how the RYB color 125, 17, 240 looks on a white background.

Color Contrast Check

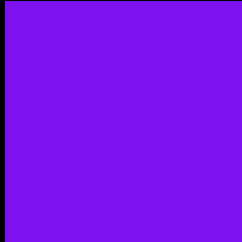
Large Text (above 18pt) WCAG AA ✓ Pass

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 125, 17, 240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

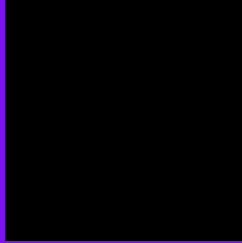
Any Text WCAG AA × Fail

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](#).

RYP 125, 17, 240 Background



This preview shows how black text looks on a background with the RYP color 125, 17, 240.

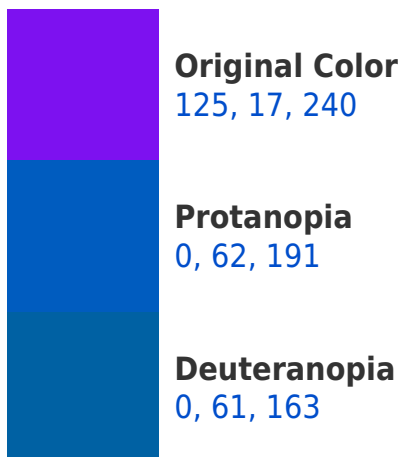



This preview shows how white text looks on a background with the RYP color 125, 17, 240.

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
89, 93, 102

Trichromacy



Original Color

125, 17, 240



Protanomaly

45, 62, 209



Deuteranomaly

45, 65, 191



Tritanomaly

102, 66, 152

Monochromacy



Original Color

125, 17, 240



Achromatopsia

75, 75, 75



Achromatomaly

93, 54, 135

CSS Examples

Text

The CSS property to change the color of the text to RYB 125, 17, 240 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(125, 17, 240)` looks like.

```
.text, #text, p{  
    color:rgb(125, 17, 240)  
}
```

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(125, 17, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 17, 240) }
```

Border

The CSS property to change the border of an element to RYB 125, 17, 240 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(125, 17, 240) }
```

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

```
.border{ border-color:rgb(125, 17, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 17, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 17, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 17, 240);  
box-shadow:4px 4px 4px 4px rgb(125, 17,  
240) }
```

Background

The CSS property to change the background color of an element to RGB 125, 17, 240 is called "background".

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

```
.background, #background, body{  
background: rgb(125, 17, 240) }
```

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

```
.background{ background-color: rgb(125, 17,  
240) }
```

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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