

Converting Colors

RGB(139, 17, 238)

Have a look what the booklet for
RGB(139, 17, 238) contains.

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Color

RGB(139, 17, 238)

Conversions

Conversions Part 1

Format	Color
Hex	8B11EE
RGB	139, 17, 238
RGB Percent	55%, 7%, 93%
CMY	0.4549, 0.9333, 0.0667
CMYK	0.42, 0.93, 0.00, 0.07
HSL	273°, 87%, 50%
HSV	273°, 93%, 93%
XYZ	26.2805, 12.0629, 81.8322
YIQ	78.6720, 1.7710, 94.5950

Conversions

Conversions Part 2

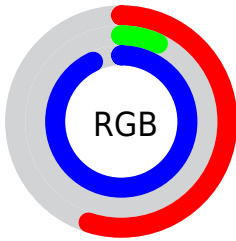
Format	Color
R_{YB}	139, 17, 238
Decimal	9114094
CIE _{Lab}	41.32, 78.69, -83.02
CIE _{LCh}	41, 114.383, 313.466
Yxy	12.0629, 0.2187, 0.1004
Android (android.graphics.Color)	4287304174 (0xFF8B11EE)
YUV	78.6720, 78.5487, 52.9077
Hunter-Lab	34.7317, 74.2856, -115.3823

Details

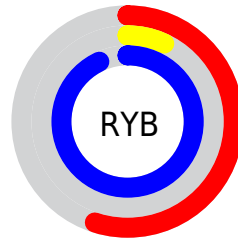
The RGB color **139, 17, 238** is a dark color, and the websafe version is hex **9933FF**. The color can be described as dark washed purple. A complement of this color would be **116, 238, 17**, and the grayscale version is **78, 78, 78**.

A 20% lighter version of the original color is **200, 88, 255**, and **75, 0, 181** is the 20% darker color. If you saturate the color by 10%, you get **131, 0, 238**, and if you desaturate by 10%, it is **150, 41, 238**.

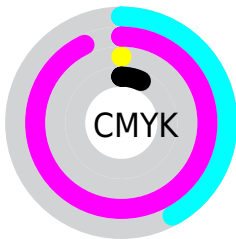
Distribution



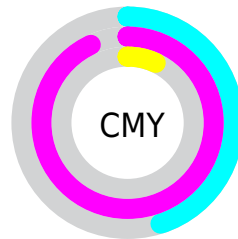
- Red (55%)
- Green (7%)
- Blue (93%)



- Red (55%)
- Yellow (7%)
- Blue (93%)



- Cyan (42%)
- Magenta (93%)
- Yellow (0%)
- Black (7%)





















- Cyan (45%)
- Magenta (93%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 139, 17, 238 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 RGB color 139, 17, 238 by changing the saturation by 10% instead.

 139, 17, 238	 139, 17, 238
 255, 255, 255	 108, 0, 209
 200, 88, 255	 75, 0, 181
 231, 117, 255	 35, 0, 153
 255, 146, 255	 0, 0, 126
 255, 174, 255	 0, 0, 100
 255, 204, 255	 0, 9, 74
 255, 233, 255	 0, 4, 51
	 0, 2, 29
	 0, 0, 0

■ 139, 17, 238

■ 139, 17, 238

■ 131, 0, 238

■ 150, 41, 238

■ 160, 65, 238

■ 171, 88, 238

■ 182, 112, 238

■ 192, 136, 238

■ 203, 160, 238

■ 214, 184, 238

■ 224, 207, 238

■ 235, 231, 238

Harmonies

Analogous

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



0, 100, 255



139, 17, 238



228, 0, 153

Triad

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



139, 17, 238



160, 72, 0



0, 129, 140

Complementary

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



139, 17, 238



116, 238, 17

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, 126, 37



139, 17, 238



79, 107, 0

Square

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



139, 17, 238



218, 0, 0



0, 121, 0



0, 131, 229

Rectangle

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



139, 17, 238



246, 0, 92



0, 121, 0



0, 128, 107

Sweetspot

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



139, 17, 238



223, 184, 255



17, 116, 238



108, 84, 128



0, 0, 0



128, 128, 128

Same Dimension

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



139, 17, 238



141, 0, 255



238, 17, 227



114, 108, 120



101, 0, 184



31, 0, 56

Inverse Universe

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



238, 17, 116



255, 0, 114



17, 238, 28



120, 108, 113



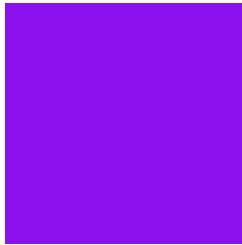
184, 0, 82



56, 0, 25

Previews

White Background



This preview shows how the RGB color 139, 17, 238 looks on a white background.

Color Contrast Check

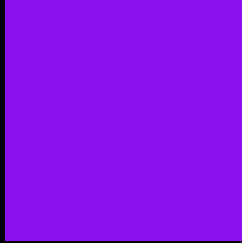
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 139, 17, 238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

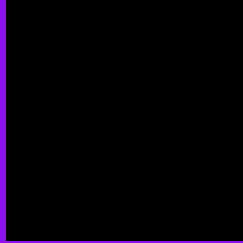
Any Text WCAG AA × Fail

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 139, 17, 238 Background



This preview shows how black text looks on a background with the RGB color 139, 17, 238.

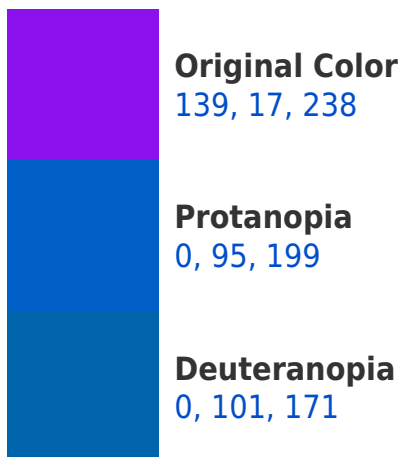


This preview shows how white text looks on a background with the RGB color 139, 17, 238.

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
109, 94, 101

Trichromacy



Original Color

139, 17, 238



Protanomaly

51, 67, 213



Deuteranomaly

51, 70, 195



Tritanomaly

120, 66, 151

Monochromacy



Original Color

139, 17, 238



Achromatopsia

79, 79, 79



Achromatomaly

101, 56, 137

CSS Examples

Text

The CSS property to change the color of the text to RGB 139, 17, 238 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(139, 17, 238)` looks like.

```
.text, #text, p{  
    color:rgb(139, 17, 238)  
}
```

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(139, 17, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 17, 238) }
```

Border

The CSS property to change the border of an element to RGB 139, 17, 238 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(139, 17, 238) }
```

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

```
.border{ border-color:rgb(139, 17, 238) }
```

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

Here you see how a box with a 4 pixel rgb(139, 17, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 17, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 17, 238);  
box-shadow:4px 4px 4px 4px rgb(139, 17,  
238) }
```

Background

The CSS property to change the background color of an element to RGB 139, 17, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 17, 238) }
```

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

```
.background{ background-color: rgb(139, 17,  
238) }
```

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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