

Converting Colors

RGB(145, 83, 237)

Have a look what the booklet for
RGB(145, 83, 237) contains.

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Color

RGB(145, 83, 237)

Conversions

Conversions Part 1

Format	Color
Hex	9153ED
RGB	145, 83, 237
RGB Percent	57%, 33%, 93%
CMY	0.4314, 0.6745, 0.0706
CMYK	0.39, 0.65, 0.00, 0.07
HSL	264°, 81%, 63%
HSV	264°, 65%, 93%
XYZ	30.0564, 18.3207, 82.0729
YIQ	119.0940, -12.4820, 61.0380

Conversions

Conversions Part 2

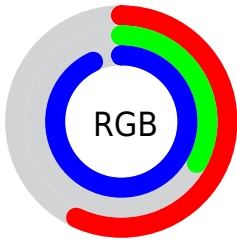
Format	Color
RYB	145, 83, 237
Decimal	9524205
CIELab	49.88, 56.67, -68.43
CIELCh	50, 88.844, 309.631
Yxy	18.3207, 0.2304, 0.1404
Android (android.graphics.Color)	4287714285 (0xFF9153ED)
YUV	119.0940, 58.1277, 22.7196
Hunter-Lab	42.8027, 50.4395, -83.7250

Details

The RGB color **145, 83, 237** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **175, 237, 83**, and the grayscale version is **119, 119, 119**.

A 20% lighter version of the original color is **204, 136, 255**, and **86, 30, 180** is the 20% darker color. If you saturate the color by 10%, you get **131, 59, 237**, and if you desaturate by 10%, it is **159, 107, 237**.

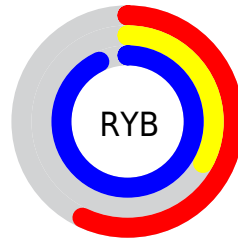
Distribution



Red (57%)

Green (33%)

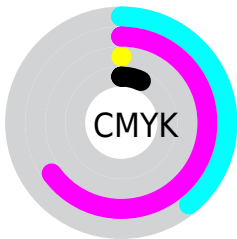
Blue (93%)



Red (57%)

Yellow (33%)

Blue (93%)

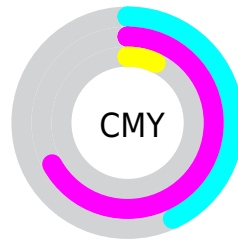


Cyan (39%)

Magenta (65%)

Yellow (0%)

Black (7%)



Cyan (43%)


















Magenta (67%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 145, 83, 237 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 145, 83, 237 by changing the saturation by 10% instead.

 145, 83, 237	 145, 83, 237
 255, 255, 255	 116, 57, 208
 204, 136, 255	 86, 30, 180
 234, 163, 255	 54, 0, 152
 255, 191, 255	 7, 0, 126
 255, 219, 255	 0, 0, 100
 255, 249, 255	 0, 0, 75
	 0, 4, 51
	 0, 2, 29
	 0, 0, 0

■ 145, 83, 237

■ 145, 83, 237

■ 131, 59, 237

■ 159, 107, 237

■ 117, 36, 237

■ 173, 130, 237

■ 103, 12, 237

■ 187, 154, 237

■ 95, 0, 237

■ 202, 178, 237

■ 216, 201, 237

■ 230, 225, 237

■ 244, 249, 237

■ 255, 255, 237

Harmonies

Analogous

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



0, 122, 255



145, 83, 237



223, 0, 173

Triad

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



145, 83, 237



185, 95, 0



0, 149, 142

Complementary

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



145, 83, 237



175, 237, 83

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, 146, 61



145, 83, 237



123, 124, 0

Square

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



145, 83, 237



229, 41, 21



5, 139, 0



0, 148, 215

Rectangle

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



145, 83, 237



243, 0, 123



5, 139, 0



0, 148, 116

Sweetspot

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



145, 83, 237



226, 207, 255



83, 175, 237



110, 98, 128



0, 0, 0



128, 128, 128

Same Dimension

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



145, 83, 237



136, 56, 255



222, 83, 237



110, 106, 117



73, 0, 181



22, 0, 54

Inverse Universe

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



237, 83, 175



255, 56, 175



98, 237, 83



117, 106, 113



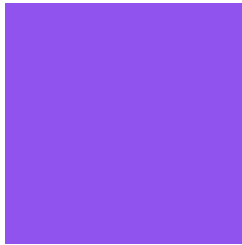
181, 0, 108



54, 0, 32

Previews

White Background



This preview shows how the RGB color 145, 83, 237 looks on a white background.

Color Contrast Check

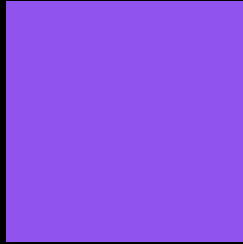
Large Text (above 18pt) WCAG AA ✓ Pass

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 145, 83, 237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

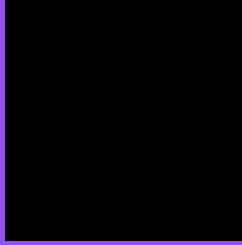
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 145, 83, 237 Background



This preview shows how black text looks on a background with the RGB color 145, 83, 237.

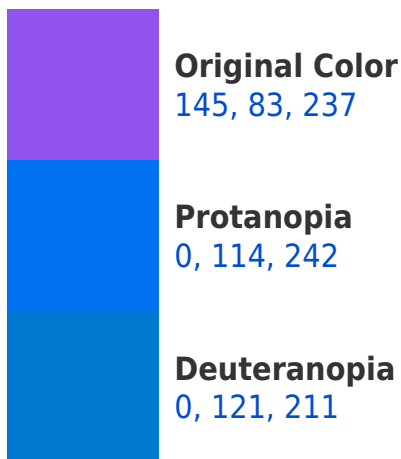


This preview shows how white text looks on a background with the RGB color 145, 83, 237.

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
121, 117, 126

Trichromacy



Original Color

145, 83, 237



Protanomaly

53, 103, 240



Deuteranomaly

53, 107, 220



Tritanomaly

130, 105, 166

Monochromacy



Original Color

145, 83, 237



Achromatopsia

119, 119, 119



Achromatomaly

128, 106, 162

CSS Examples

Text

The CSS property to change the color of the text to RGB 145, 83, 237 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(145, 83, 237)` looks like.

```
.text, #text, p{  
    color:rgb(145, 83, 237)  
}
```

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(145, 83, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 83, 237) }
```

Border

The CSS property to change the border of an element to RGB 145, 83, 237 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(145, 83, 237) }
```

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

```
.border{ border-color:rgb(145, 83, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 83, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(145, 83, 237); -webkit-box-shadow:4px 4px 4px 4px rgb(145, 83, 237); box-shadow:4px 4px 4px 4px rgb(145, 83, 237) }
```

Background

The CSS property to change the background color of an element to RGB 145, 83, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 83, 237) }
```

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

```
.background{ background-color: rgb(145, 83,  
237) }
```

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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