

Converting Colors

RGB(145, 102, 254)

Have a look what the booklet for
RGB(145, 102, 254) contains.

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Color

RGB(145, 102, 254)

Conversions

Conversions Part 1

Format	Color
Hex	9166FE
RGB	145, 102, 254
RGB Percent	57%, 40%, 100%
CMY	0.4314, 0.6000, 0.0039
CMYK	0.43, 0.60, 0.00, 0.00
HSL	257°, 99%, 70%
HSV	257°, 60%, 100%
XYZ	34.3178, 22.6782, 96.3345
YIQ	132.1850, -23.1640, 56.3880

Conversions

Conversions Part 2

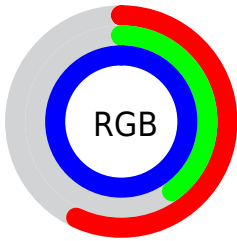
Format	Color
RYB	145, 102, 254
Decimal	9529086
CIELab	54.74, 51.13, -70.04
CIELCh	55, 86.713, 306.130
Yxy	22.6782, 0.2238, 0.1479
Android (android.graphics.Color)	4287719166 (0xFF9166FE)
YUV	132.1850, 60.0548, 11.2388
Hunter-Lab	47.6217, 45.2953, -86.6034

Details

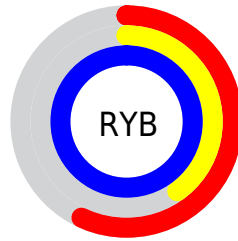
The RGB color **145, 102, 254** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **211, 254, 102**, and the grayscale version is **132, 132, 132**.

A 20% lighter version of the original color is **204, 155, 255**, and **85, 52, 196** is the 20% darker color. If you saturate the color by 10%, you get **127, 77, 254**, and if you desaturate by 10%, it is **163, 127, 254**.

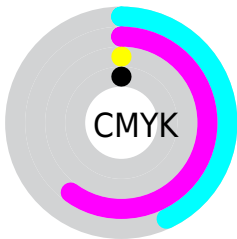
Distribution



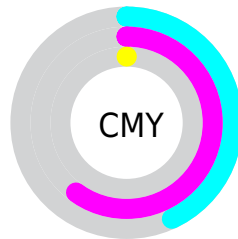
- Red (57%)
- Green (40%)
- Blue (100%)



- Red (57%)
- Yellow (40%)
- Blue (100%)



- Cyan (43%)
- Magenta (60%)
- Yellow (0%)
- Black (0%)



- Cyan (43%)
- Magenta (60%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the RGB color 145, 102, 254 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, 102, 254 by changing the saturation by 10% instead.

 145, 102, 254

255, 255, 255


 204, 155, 255

 235, 182, 255

 255, 210, 255


 255, 239, 255


 145, 102, 254

 115, 77, 225

 85, 52, 196

 51, 27, 168

 0, 0, 141

 0, 0, 115

 0, 0, 89

 0, 7, 65

 0, 3, 42

 0, 1, 20

■ 145, 102, 254

■ 145, 102, 254

■ 127, 77, 254

■ 163, 127, 254

■ 109, 51, 254

■ 181, 153, 254

■ 90, 26, 254

■ 200, 178, 254

■ 72, 0, 254

■ 218, 204, 254

■ 72, 0, 254

■ 236, 229, 254

254, 254, 254

255, 255, 254

Harmonies

Analogous

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



0, 136, 255



145, 102, 254



229, 48, 193

Triad

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



145, 102, 254



206, 103, 0



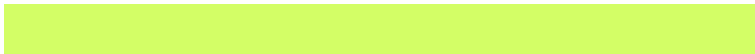
0, 162, 145

Complementary

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



145, 102, 254



211, 254, 102

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, 159, 65



145, 102, 254



146, 133, 0

Square

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



145, 102, 254



247, 56, 46



60, 150, 0



0, 162, 219

Rectangle

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



145, 102, 254



254, 0, 144



60, 150, 0



0, 161, 119

Sweetspot

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



145, 102, 254



222, 209, 255



102, 213, 254



107, 99, 128



0, 0, 0



128, 128, 128

Same Dimension

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



145, 102, 254



123, 71, 255



219, 102, 254



118, 115, 128



54, 0, 191



18, 0, 64

Inverse Universe

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



254, 102, 211



255, 71, 203



137, 254, 102



128, 115, 124



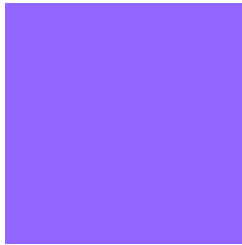
191, 0, 137



64, 0, 46

Previews

White Background



This preview shows how the RGB color 145, 102, 254 looks on a white background.

Color Contrast Check

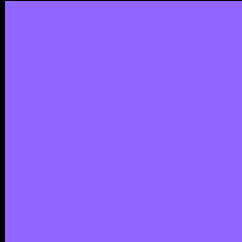
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RGB color 145, 102, 254 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, 102, 254 Background



This preview shows how black text looks on a background with the RGB color 145, 102, 254.

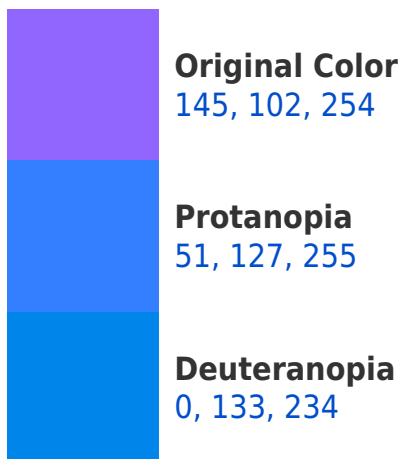


This preview shows how white text looks on a background with the RGB color 145, 102, 254.

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
118, 133, 143

Trichromacy



Original Color

145, 102, 254



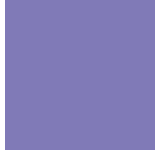
Protanomaly

85, 118, 255



Deuteranomaly

53, 122, 241



Tritanomaly

128, 122, 183

Monochromacy



Original Color

145, 102, 254



Achromatopsia

132, 132, 132



Achromatomaly

137, 121, 176

CSS Examples

Text

The CSS property to change the color of the text to RGB 145, 102, 254 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, 102, 254)` looks like.

```
.text, #text, p{  
    color:rgb(145, 102, 254)  
}
```

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, 102, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 102, 254) }
```

Border

The CSS property to change the border of an element to RGB 145, 102, 254 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, 102, 254) }
```

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

```
.border{ border-color:rgb(145, 102, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 102, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 102, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 102, 254);  
box-shadow:4px 4px 4px 4px rgb(145, 102,  
254) }
```

Background

The CSS property to change the background color of an element to RGB 145, 102, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 102, 254) }
```

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

```
.background{ background-color: rgb(145,  
102, 254) }
```

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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