Converting Colors

RGB(146, 117, 242)

Have a look what the booklet for RGB(146, 117, 242) contains.

Color

RGB(146, 117, 242)

Conversions

Conversions Part 1

Format	Color
Hex	9275F2
RGB	146, 117, 242
RGB Percent	57%, 46%, 95%
CMY	0.4275, 0.5412, 0.0510
CMYK	0.40, 0.52, 0.00, 0.05
HSL	254°, 83%, 70%
HSV	254°, 52%, 95%
XYZ	34.2424, 25.2444, 87.0723
YIQ	139.9210, -22.8410, 45.0230

Conversions

Conversions Part 2

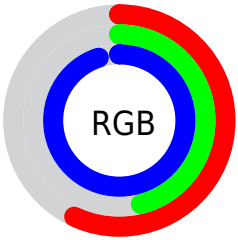
Format	Color
RYB	146, 117, 242
Decimal	9598450
CIELab	57.31, 39.77, -59.24
CIELCh	57, 71.352, 303.879
Yxy	25.2444, 0.2336, 0.1722
Android (android.graphics.Color)	4287788530 (0xFF9275F2)
YUV	139.9210, 50.3249, 5.3313
Hunter-Lab	50.2438, 33.7255, -67.5787

Details

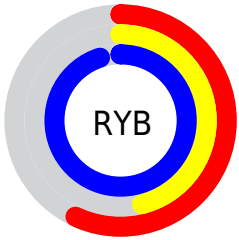
The RGB color 146, 117, 242 is a light color, and the websafe version is hex 9966CC. A complement of this color would be 213, 242, 117, and the grayscale version is 139, 139, 139.

A 20% lighter version of the original color is 204, 170, 255, and 89, 68, 185 is the 20% darker color. If you saturate the color by 10%, you get 127, 93, 242, and if you desaturate by 10%, it is 165, 141, 242.

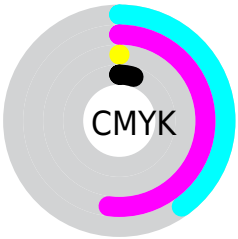
Distribution



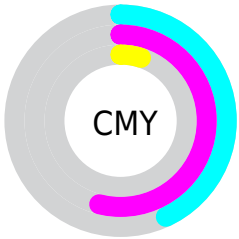
- Red (57%)
- Green (46%)
- Blue (95%)



- Red (57%)
- Yellow (46%)
- Blue (95%)



- Cyan (40%)
- Magenta (52%)
- Yellow (0%)
- Black (5%)



- Cyan (43%)
- Magenta (54%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 146, 117, 242 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 146, 117, 242 by changing the saturation by 10% instead.

146, 117, 242

255, 255, 255

204, 170, 255

234, 197, 255

255, 225, 255

255, 254, 255

146, 117, 242

117, 92, 213

89, 68, 185

59, 44, 158

21, 22, 131

0, 1, 105

0, 0, 80

0, 5, 56

0, 2, 34

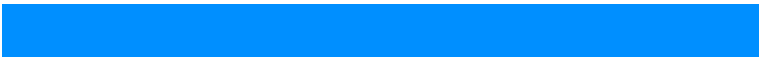
0, 0, 7

146, 117, 242	146, 117, 242
127, 93, 242	165, 141, 242
109, 69, 242	183, 165, 242
90, 44, 242	202, 190, 242
72, 20, 242	220, 214, 242
56, 0, 242	239, 238, 242
	255, 255, 242

Harmonies

Analogous

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



0, 143, 255

146, 117, 242

218, 85, 194

Triad

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

146, 117, 242

208, 113, 4

0, 165, 144

Complementary

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

146, 117, 242

213, 242, 117

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, 162, 79

146, 117, 242

158, 138, 0

Square

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

146, 117, 242

240, 84, 72

94, 153, 3

0, 165, 206

Rectangle

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

146, 117, 242

241, 69, 153

94, 153, 3

0, 165, 122

Sweetspot

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

146, 117, 242

226, 217, 255

117, 215, 242

110, 105, 128

0, 0, 0

128, 128, 128

Same Dimension

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

146, 117, 242

134, 97, 255

207, 117, 242

111, 108, 120

43, 0, 184

13, 0, 56

Inverse Universe

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

242, 117, 213

255, 97, 218

152, 242, 117

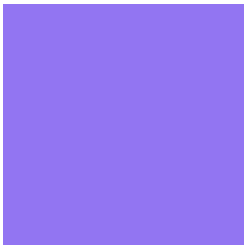
120, 108, 117

184, 0, 141

56, 0, 43

Previews

White Background

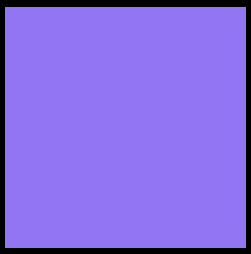


This preview shows how the RGB color 146, 117, 242 looks on a white background.

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



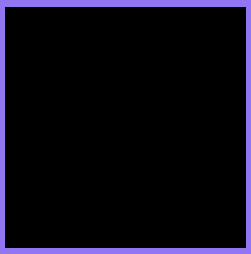
This preview shows how the RGB color 146, 117, 242 looks on a black background.

Color Contrast Check

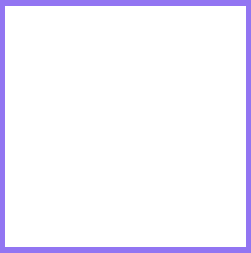
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 146, 117, 242 Background



This preview shows how black text looks on a background with the RGB color 146, 117, 242.

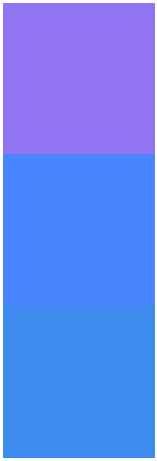


This preview shows how white text looks on a background with the RGB color 146, 117, 242.

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



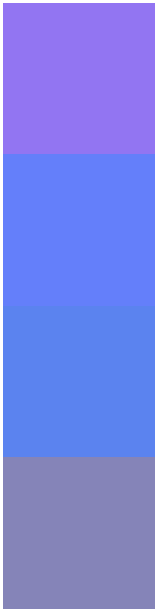
Original Color
146, 117, 242

Protanopia
74, 133, 255

Deuteranopia
60, 139, 237

Tritanopia
125, 140, 151

Trichromacy



Original Color
146, 117, 242

Protanomaly
100, 127, 250

Deuteranomaly
91, 131, 239

Tritanomaly
133, 132, 184

Monochromacy

Original Color
146, 117, 242

Achromatopsia
140, 140, 140

Achromatomaly
142, 132, 177

CSS Examples

Text

The CSS property to change the color of the text to RGB 146, 117, 242 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(146, 117, 242) looks like.

```
.text, #text, p{
    color:rgb(146, 117, 242)
}
```

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(146, 117, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 117, 242) }
```

Border

The CSS property to change the border of an element to RGB 146, 117, 242 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(146, 117, 242) }
```

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

```
.border{ border-color:rgb(146, 117, 242) }
```

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

Here you see how a box with a 4 pixel rgb(146, 117, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 117, 242); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 117, 242); box-shadow:4px 4px 4px 4px rgb(146, 117, 242) }
```

Background

The CSS property to change the background color of an element to RGB 146, 117, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(146, 117, 242) }
```

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

```
.background{ background-color:rgb(146,
117, 242) }
```

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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