Converting Colors

RGB(132, 46, 255)

Have a look what the booklet for RGB(132, 46, 255) contains.

RGB(132, 46, 255) 3
- ***Conversions*** 4
- ***Details*** 6
- ***Harmonies*** 11
- ***Previews*** 23
- ***Color Blindness Simulation*** 26
- ***CSS Examples*** 29

Color

RGB(132, 46, 255)

Conversions

Conversions Part 1

Format	Color
Hex	842EFF
RGB	132, 46, 255
RGB Percent	52%, 18%, 100%
CMY	0.4824, 0.8196, 0.0000
CMYK	0.48, 0.82, 0.00, 0.00
HSL	265°, 100%, 59%
HSV	265°, 82%, 100%
XYZ	28.5427, 14.0795, 95.8210
YIQ	95.5400, -15.8330, 83.2310

Conversions

Conversions Part 2

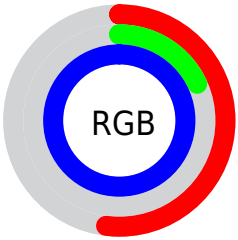
Format	Color
RYB	132, 46, 255
Decimal	8662783
CIELab	44.35, 74.71, -87.61
CIELCh	44, 115.144, 310.456
Yxy	14.0795, 0.2062, 0.1017
Android (android.graphics.Color)	4286852863 (0xFF842EFF)
YUV	95.5400, 78.6138, 31.9754
Hunter-Lab	37.5227, 70.1165, -125.1419

Details

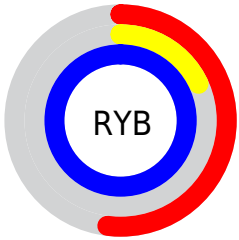
The RGB color 132, 46, 255 is a dark color, and the websafe version is hex 9933FF. The color can be described as middle washed purple. A complement of this color would be 169, 255, 46, and the grayscale version is 95, 95, 95.

A 20% lighter version of the original color is 195, 104, 255, and 64, 0, 197 is the 20% darker color. If you saturate the color by 10%, you get 117, 21, 255, and if you desaturate by 10%, it is 147, 72, 255.

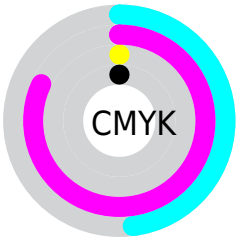
Distribution



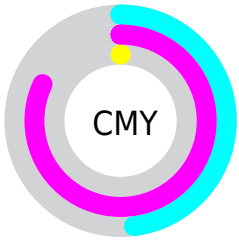
- Red (52%)
- Green (18%)
- Blue (100%)



- Red (52%)
- Yellow (18%)
- Blue (100%)



- Cyan (48%)
- Magenta (82%)
- Yellow (0%)
- Black (0%)



- Cyan (48%)
- Magenta (82%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 132, 46, 255 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 132, 46, 255 by changing the saturation by 10% instead.

132, 46, 255	132, 46, 255
255, 255, 255	99, 1, 226
195, 104, 255	64, 0, 197
226, 132, 255	1, 0, 169
255, 160, 255	0, 0, 141
255, 189, 255	0, 0, 114
255, 218, 255	0, 7, 89
255, 247, 255	0, 7, 64
	0, 3, 41
	0, 1, 19

132, 46, 255

117, 21, 255

105, 0, 255

132, 46, 255

147, 72, 255

162, 97, 255

177, 123, 255

192, 148, 255

207, 174, 255

222, 199, 255

237, 225, 255

252, 250, 255

255, 255, 255

Harmonies

Analogous

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

0, 111, 255

132, 46, 255

234, 0, 171

Triad

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

132, 46, 255

177, 74, 0

0, 137, 138

Complementary

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

132, 46, 255

169, 255, 46

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, 134, 30

132, 46, 255

98, 112, 0

Square

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

132, 46, 255

234, 0, 0

0, 128, 0

0, 139, 231

Rectangle

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

132, 46, 255

255, 0, 109

0, 128, 0

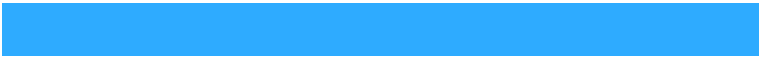
0, 137, 104

Sweetspot

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

132, 46, 255

217, 191, 255



46, 171, 255

105, 89, 128

0, 0, 0

128, 128, 128

Same Dimension

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

132, 46, 255

108, 5, 255

234, 46, 255

120, 115, 128

79, 0, 191

26, 0, 64

Inverse Universe

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

255, 46, 169

255, 5, 152

67, 255, 46

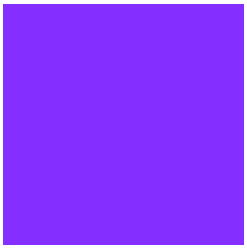
128, 115, 122

191, 0, 113

64, 0, 38

Previews

White Background

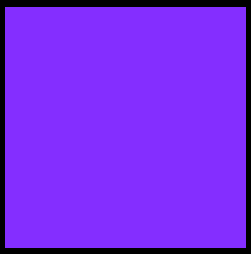


This preview shows how the RGB color 132, 46, 255 looks on a white background.

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



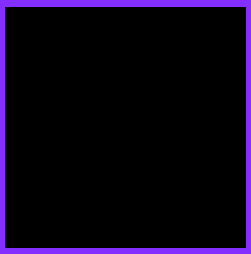
This preview shows how the RGB color 132, 46, 255 looks on a black background.

Color Contrast Check

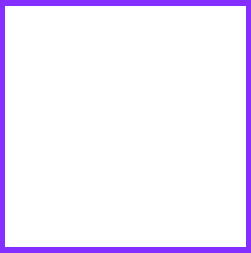
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

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

RGB 132, 46, 255 Background



This preview shows how black text looks on a background with the RGB color 132, 46, 255.

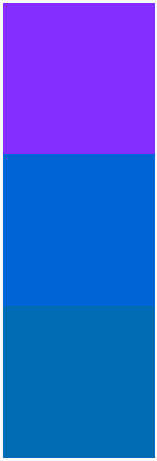


This preview shows how white text looks on a background with the RGB color 132, 46, 255.

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



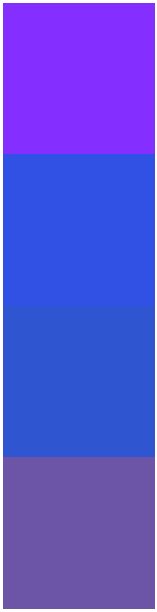
Original Color
132, 46, 255

Protanopia
0, 101, 212

Deuteranopia
0, 108, 182

Tritanopia
94, 106, 115

Trichromacy



Original Color
132, 46, 255

Protanomaly
48, 81, 228

Deuteranomaly
48, 85, 209

Tritanomaly
108, 84, 166

Monochromacy

Original Color
132, 46, 255

Achromatopsia
96, 96, 96

Achromatomaly
109, 78, 154

CSS Examples

Text

The CSS property to change the color of the text to RGB 132, 46, 255 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(132, 46, 255) looks like.

```
.text, #text, p{
    color:rgb(132, 46, 255)
}
```

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(132, 46, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 46, 255) }
```

Border

The CSS property to change the border of an element to RGB 132, 46, 255 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(132, 46, 255) }
```

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

```
.border{ border-color:rgb(132, 46, 255) }
```

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

Here you see how a box with a 4 pixel rgb(132, 46, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(132, 46, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(132, 46, 255); box-shadow:4px 4px 4px 4px rgb(132, 46, 255) }
```

Background

The CSS property to change the background color of an element to RGB 132, 46, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(132, 46, 255) }
```

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

```
.background{ background-color:rgb(132, 46,
255) }
```

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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