

Converting Colors

RGB(138, 130, 242)

Have a look what the booklet for
RGB(138, 130, 242) contains.

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Color

RGB(138, 130, 242)

Conversions

Conversions Part 1

Format	Color
Hex	8A82F2
RGB	138, 130, 242
RGB Percent	54%, 51%, 95%
CMY	0.4588, 0.4902, 0.0510
CMYK	0.43, 0.46, 0.00, 0.05
HSL	244°, 81%, 73%
HSV	244°, 46%, 95%
XYZ	34.4909, 27.7793, 87.5485
YIQ	145.1600, -31.1840, 36.5280

Conversions

Conversions Part 2

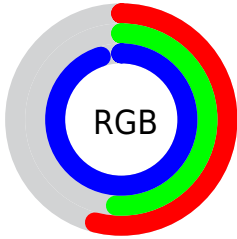
Format	Color
R _Y B	138, 130, 242
Decimal	9077490
CIE Lab	59.69, 30.39, -55.48
CIE LCh	60, 63.258, 298.714
Yxy	27.7793, 0.2302, 0.1854
Android (android.graphics.Color)	4287267570 (0xFF8A82F2)
YUV	145.1600, 47.7421, -6.2793
Hunter-Lab	52.7061, 24.5747, -61.5905

Details

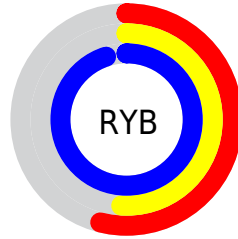
The RGB color **138, 130, 242** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **234, 242, 130**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **196, 183, 255**, and **81, 81, 185** is the 20% darker color. If you saturate the color by 10%, you get **116, 106, 242**, and if you desaturate by 10%, it is **160, 154, 242**.

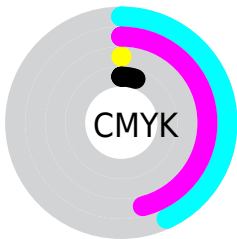
Distribution



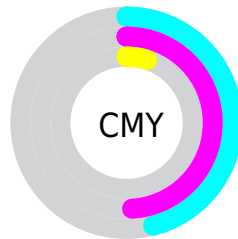
- Red (54%)
- Green (51%)
- Blue (95%)



- Red (54%)
- Yellow (51%)
- Blue (95%)



- Cyan (43%)
- Magenta (46%)
- Yellow (0%)
- Black (5%)



- Cyan (46%)
- Magenta (49%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 138, 130, 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 138, 130, 242 by changing the saturation by 10% instead.


 138, 130, 242

255, 255, 255


 196, 183, 255

 225, 211, 255

 255, 239, 255


 138, 130, 242

 109, 105, 213

 81, 81, 185

 50, 58, 158

 2, 36, 131

 0, 16, 105

 0, 0, 81

 0, 5, 56


 0, 2, 34

 0, 0, 8

 138, 130, 242

 138, 130, 242

 116, 106, 242

 160, 154, 242

 93, 82, 242

 183, 178, 242

 71, 57, 242

 205, 203, 242

 48, 33, 242

 228, 227, 242

 26, 9, 242

 250, 251, 242

 17, 0, 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, 151, 255



138, 130, 242



208, 105, 202

Triad

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



138, 130, 242



216, 118, 46



0, 169, 140

Complementary

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



138, 130, 242



234, 242, 130

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.



19, 165, 83



138, 130, 242



173, 140, 7

Square

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



138, 130, 242



240, 96, 94



118, 156, 33



0, 169, 196

Rectangle

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



138, 130, 242



233, 92, 167



118, 156, 33



0, 169, 120

Sweetspot

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



138, 130, 242



222, 219, 255



130, 235, 242



107, 106, 128



0, 0, 0



128, 128, 128

Same Dimension

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



138, 130, 242



122, 112, 255



193, 130, 242



109, 108, 120



13, 0, 184



4, 0, 56

Inverse Universe

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



242, 130, 234



255, 112, 245



179, 242, 130



120, 108, 119



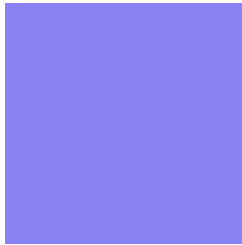
184, 0, 170



56, 0, 52

Previews

White Background



This preview shows how the RGB color 138, 130, 242 looks on a white background.

Color Contrast Check

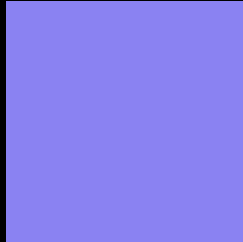
Large Text (above 18pt) WCAG AA ✓ Pass

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 138, 130, 242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

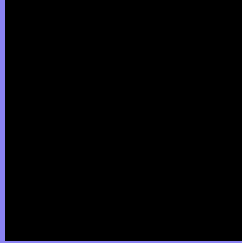
Any Text WCAG AA ✓ Pass

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 138, 130, 242 Background



This preview shows how black text looks on a background with the RGB color 138, 130, 242.



This preview shows how white text looks on a background with the RGB color 138, 130, 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





Tritanopia
117, 149, 161

Trichromacy



Original Color
138, 130, 242

Protanomaly
109, 136, 248

Deuteranomaly
101, 139, 240

Tritanomaly
125, 142, 190

Monochromacy



Original Color
138, 130, 242

Achromatopsia
145, 145, 145

Achromatomaly
142, 140, 180

CSS Examples

Text

The CSS property to change the color of the text to RGB 138, 130, 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(138, 130, 242)` looks like.

```
.text, #text, p{  
    color:rgb(138, 130, 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(138, 130, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 130, 242) }
```

Border

The CSS property to change the border of an element to RGB 138, 130, 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(138, 130, 242) }
```

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

```
.border{ border-color:rgb(138, 130, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 130, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 130, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 130, 242);  
box-shadow:4px 4px 4px 4px rgb(138, 130,  
242) }
```

Background

The CSS property to change the background color of an element to RGB 138, 130, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 130, 242) }
```

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

```
.background{ background-color: rgb(138,  
130, 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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