Converting Colors

RGB(145, 130, 240)

Have a look what the booklet for RGB(145, 130, 240) contains.

Color

RGB(145, 130, 240)

Conversions

Conversions Part 1

Format	Color
Hex	9182F0
RGB	145, 130, 240
RGB Percent	57%, 51%, 94%
CMY	0.4314, 0.4902, 0.0588
CMYK	0.40, 0.46, 0.00, 0.06
HSL	248°, 79%, 73%
HSV	248°, 46%, 94%
XYZ	35.3879, 28.2763, 86.0308
YIQ	147.0250, -26.3700, 37.3900

Conversions

Conversions Part 2

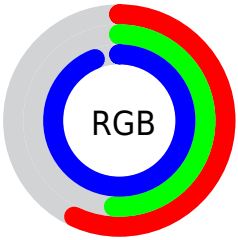
Format	Color
RYB	145, 130, 240
Decimal	9536240
CIELab	60.14, 31.52, -53.62
CIELCh	60, 62.203, 300.448
Yxy	28.2763, 0.2364, 0.1889
Android (android.graphics.Color)	4287726320 (0xFF9182F0)
YUV	147.0250, 45.8367, -1.7759
Hunter-Lab	53.1754, 25.7334, -58.7005

Details

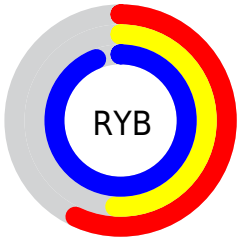
The RGB color 145, 130, 240 is a light color, and the websafe version is hex 9999FF. A complement of this color would be 225, 240, 130, and the grayscale version is 147, 147, 147.

A 20% lighter version of the original color is 202, 183, 255, and 89, 80, 183 is the 20% darker color. If you saturate the color by 10%, you get 124, 106, 240, and if you desaturate by 10%, it is 166, 154, 240.

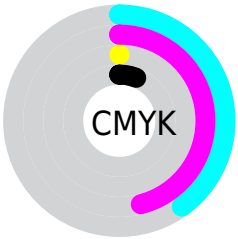
Distribution



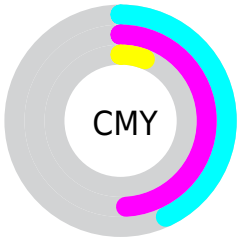
- Red (57%)
- Green (51%)
- Blue (94%)



- Red (57%)
- Yellow (51%)
- Blue (94%)



- Cyan (40%)
- Magenta (46%)
- Yellow (0%)
- Black (6%)



- Cyan (43%)
- Magenta (49%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 145, 130, 240 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, 130, 240 by changing the saturation by 10% instead.

145, 130, 240

255, 255, 255

202, 183, 255

232, 211, 255

255, 239, 255

145, 130, 240

117, 105, 211

89, 80, 183

59, 57, 156

25, 35, 129

0, 15, 104

0, 0, 79

0, 5, 55

0, 2, 33

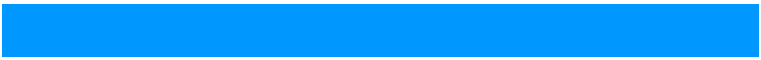
0, 0, 5

145, 130, 240	145, 130, 240
124, 106, 240	166, 154, 240
104, 82, 240	186, 178, 240
83, 58, 240	207, 202, 240
62, 34, 240	228, 226, 240
41, 10, 240	249, 250, 240
33, 0, 240	255, 255, 240

Harmonies

Analogous

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



0, 151, 255

145, 130, 240

211, 106, 200

Triad

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

145, 130, 240

214, 121, 47

0, 171, 144

Complementary

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

145, 130, 240

225, 240, 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.

12, 167, 88

145, 130, 240

172, 143, 15

Square

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

145, 130, 240

240, 99, 93

117, 158, 39

0, 170, 199

Rectangle

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

145, 130, 240

235, 94, 165

117, 158, 39

0, 170, 125

Sweetspot

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

145, 130, 240

224, 219, 255

130, 225, 240

109, 106, 128

0, 0, 0

128, 128, 128

Same Dimension

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

145, 130, 240

134, 115, 255

200, 130, 240

109, 108, 120

25, 0, 184

8, 0, 56

Inverse Universe

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

240, 130, 225

255, 115, 236

170, 240, 130

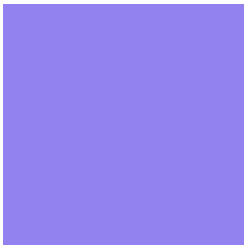
120, 108, 118

184, 0, 159

56, 0, 48

Previews

White Background

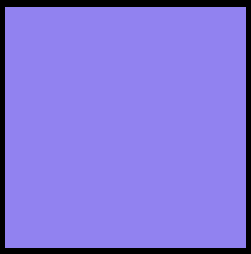


This preview shows how the RGB color 145, 130, 240 looks on a white background.

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



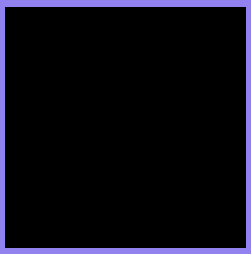
This preview shows how the RGB color 145, 130, 240 looks on a black background.

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, 130, 240 Background



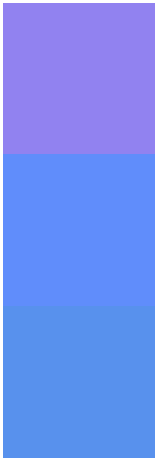
This preview shows how black text looks on a background with the RGB color 145, 130, 240.

This preview shows how white text looks on a background with the RGB color 145, 130, 240.

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



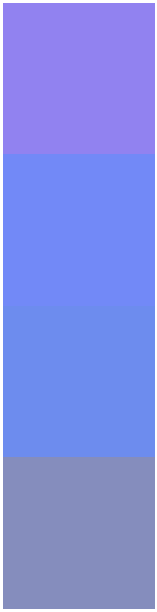
Original Color
145, 130, 240

Protanopia
96, 141, 251

Deuteranopia
88, 145, 237

Tritanopia
126, 148, 160

Trichromacy



Original Color
145, 130, 240

Protanomaly
114, 137, 247

Deuteranomaly
109, 140, 238

Tritanomaly
133, 141, 189

Monochromacy

Original Color
145, 130, 240

Achromatopsia
147, 147, 147

Achromatomaly
146, 141, 181

CSS Examples

Text

The CSS property to change the color of the text to RGB 145, 130, 240 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, 130, 240) looks like.

```
.text, #text, p{
    color:rgb(145, 130, 240)
}
```

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, 130, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 130, 240) }
```

Border

The CSS property to change the border of an element to RGB 145, 130, 240 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, 130, 240) }
```

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

```
.border{ border-color:rgb(145, 130, 240) }
```

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

Here you see how a box with a 4 pixel rgb(145, 130, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(145, 130, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(145, 130, 240); box-shadow:4px 4px 4px 4px rgb(145, 130, 240) }
```

Background

The CSS property to change the background color of an element to RGB 145, 130, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(145, 130, 240) }
```

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

```
.background{ background-color:rgb(145,
130, 240) }
```

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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