

Converting Colors

RGB(160, 135, 238)

Have a look what the booklet for
RGB(160, 135, 238) contains.

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Color

RGB(160, 135, 238)

Conversions

Conversions Part 1

Format	Color
Hex	A087EE
RGB	160, 135, 238
RGB Percent	63%, 53%, 93%
CMY	0.3725, 0.4706, 0.0667
CMYK	0.33, 0.43, 0.00, 0.07
HSL	255°, 75%, 73%
HSV	255°, 43%, 93%
XYZ	38.5938, 30.9746, 84.8335
YIQ	154.2170, -18.1630, 37.3330

Conversions

Conversions Part 2

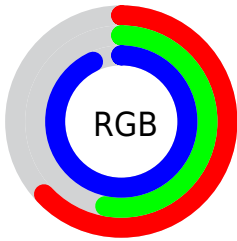
Format	Color
RYB	160, 135, 238
Decimal	10520558
CIELab	62.49, 31.95, -48.71
CIELCh	62, 58.256, 303.259
Yxy	30.9746, 0.2500, 0.2006
Android (android.graphics.Color)	4288710638 (0xFFA087EE)
YUV	154.2170, 41.3050, 5.0717
Hunter-Lab	55.6548, 26.3848, -51.4162

Details

The RGB color **160, 135, 238** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **213, 238, 135**, and the grayscale version is **154, 154, 154**.

A 20% lighter version of the original color is **217, 189, 255**, and **105, 85, 181** is the 20% darker color. If you saturate the color by 10%, you get **142, 111, 238**, and if you desaturate by 10%, it is **178, 159, 238**.

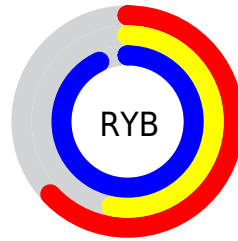
Distribution



Red (63%)

Green (53%)

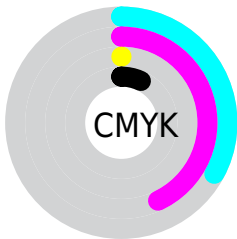
Blue (93%)



Red (63%)

Yellow (53%)

Blue (93%)

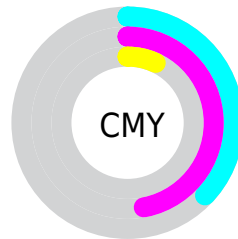


Cyan (33%)

Magenta (43%)

Yellow (0%)

Black (7%)



Cyan (37%)


Magenta (47%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the RGB color 160, 135, 238 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 160, 135, 238 by changing the saturation by 10% instead.

 160, 135, 238

 160, 135, 238

255, 255, 255

 132, 109, 209

 217, 189, 255

 105, 85, 181

 246, 216, 255

 78, 61, 154

 255, 245, 255

 49, 39, 128

 16, 17, 102

 0, 0, 78

 0, 5, 54

 0, 2, 32

 0, 0, 3

■ 160, 135, 238

■ 160, 135, 238

■ 142, 111, 238

■ 178, 159, 238

■ 124, 87, 238

■ 196, 183, 238

■ 106, 64, 238

■ 214, 206, 238

■ 88, 40, 238

■ 232, 230, 238

■ 70, 16, 238

■ 250, 254, 238

■ 58, 0, 238

■ 255, 255, 238

Harmonies

Analogous

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



32, 155, 255



160, 135, 238



218, 114, 199

Triad

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



160, 135, 238



215, 131, 57



0, 176, 155

Complementary

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



160, 135, 238



213, 238, 135

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.



31, 173, 102



160, 135, 238



173, 150, 37

Square

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



160, 135, 238



241, 111, 97



120, 164, 58



0, 175, 206

Rectangle

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



160, 135, 238



239, 104, 165



120, 164, 58



0, 175, 137

Sweetspot

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



160, 135, 238



230, 222, 255



135, 214, 238



112, 107, 128



0, 0, 0



128, 128, 128

Same Dimension

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



160, 135, 238



155, 122, 255



211, 135, 238



111, 108, 120



45, 0, 184



14, 0, 56

Inverse Universe

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



238, 135, 213



255, 122, 223



162, 238, 135



120, 108, 117



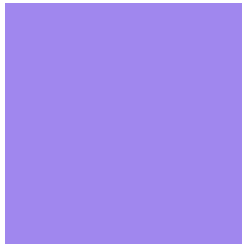
184, 0, 139



56, 0, 42

Previews

White Background



This preview shows how the RGB color 160, 135, 238 looks on a white background.

Color Contrast Check

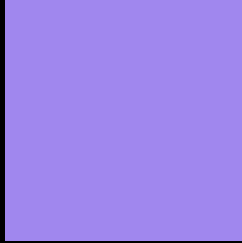
Large Text (above 18pt) WCAG AA × Fail

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 160, 135, 238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

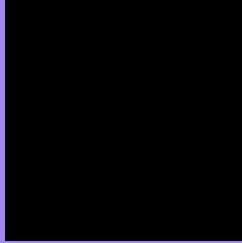
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 160, 135, 238 Background



This preview shows how black text looks on a background with the RGB color 160, 135, 238.

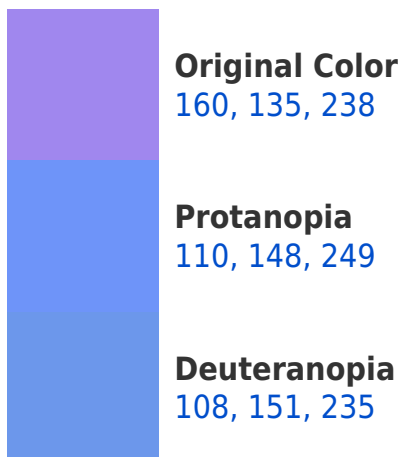


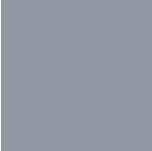
This preview shows how white text looks on a background with the RGB color 160, 135, 238.

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
145, 152, 164

Trichromacy



Original Color
160, 135, 238

Protanomaly
128, 143, 245

Deuteranomaly
127, 145, 236

Tritanomaly
150, 146, 191

Monochromacy



Original Color
160, 135, 238

Achromatopsia
154, 154, 154

Achromatomaly
156, 147, 185

CSS Examples

Text

The CSS property to change the color of the text to RGB 160, 135, 238 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(160, 135, 238)` looks like.

```
.text, #text, p{  
    color:rgb(160, 135, 238)  
}
```

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(160, 135, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 135, 238) }
```

Border

The CSS property to change the border of an element to RGB 160, 135, 238 is called "border". The border property can be set on classes, ids or directly on the HTML element.

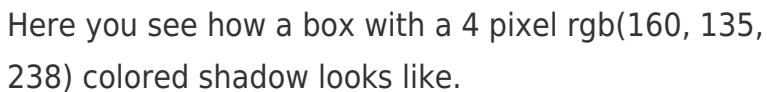
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(160, 135, 238) }
```

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

```
.border{ border-color:rgb(160, 135, 238) }
```

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



Here you see how a box with a 4 pixel `rgb(160, 135, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(160, 135, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(160, 135, 238); box-shadow:4px 4px 4px 4px rgb(160, 135, 238) }
```

Background

The CSS property to change the background color of an element to RGB 160, 135, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 135, 238) }
```

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

```
.background{ background-color: rgb(160,  
135, 238) }
```

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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