Converting Colors

RGB(130, 110, 170)

Have a look what the booklet for RGB(130, 110, 170) contains.

Color

RGB(130, 110, 170)

Conversions

Conversions Part 1

Format	Color
Hex	826EAA
RGB	130, 110, 170
RGB Percent	51%, 43%, 67%
CMY	0.4902, 0.5686, 0.3333
CMYK	0.24, 0.35, 0.00, 0.33
HSL	260°, 26%, 55%
HSV	260°, 35%, 67%
XYZ	22.0376, 18.8000, 40.4975
YIQ	122.8200, -7.3400, 22.9000

Conversions

Conversions Part 2

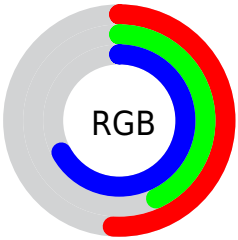
Format	Color
RYB	130, 110, 170
Decimal	8548010
CIELab	50.45, 20.74, -29.26
CIELCh	50, 35.862, 305.328
Yxy	18.8000, 0.2709, 0.2311
Android (android.graphics.Color)	4286738090 (0xFF826EAA)
YUV	122.8200, 23.2597, 6.2969
Hunter-Lab	43.3589, 14.8460, -25.0259

Details

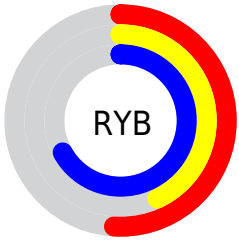
The RGB color 130, 110, 170 is a dark color, and the websafe version is hex 666699. A complement of this color would be 150, 170, 110, and the grayscale version is 123, 123, 123.

A 20% lighter version of the original color is 184, 162, 226, and 79, 62, 118 is the 20% darker color. If you saturate the color by 10%, you get 119, 93, 170, and if you desaturate by 10%, it is 141, 127, 170.

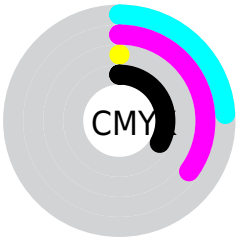
Distribution



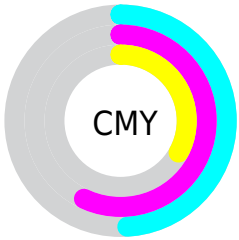
- Red (51%)
- Green (43%)
- Blue (67%)



- Red (51%)
- Yellow (43%)
- Blue (67%)



- Cyan (24%)
- Magenta (35%)
- Yellow (0%)
- Black (33%)



- Cyan (49%)
- Magenta (57%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 130, 110, 170 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 130, 110, 170 by changing the saturation by 10% instead.

130, 110, 170	130, 110, 170
255, 255, 255	104, 86, 143
184, 162, 226	79, 62, 118
212, 189, 254	55, 40, 93
241, 217, 255	31, 19, 69
255, 245, 255	13, 0, 46
	0, 1, 25
	0, 0, 0

130, 110, 170	130, 110, 170
119, 93, 170	141, 127, 170

107, 76, 170

96, 59, 170

85, 42, 170

73, 25, 170

62, 8, 170

57, 0, 170

153, 144, 170

164, 161, 170

175, 178, 170

187, 195, 170

198, 212, 170

209, 229, 170

221, 246, 170

232, 255, 170

Harmonies

Analogous

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

80, 121, 181

130, 110, 170

162, 99, 146

Triad

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

130, 110, 170

159, 109, 65

0, 136, 125

Complementary

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

130, 110, 170

150, 170, 110

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.

61, 134, 94

130, 110, 170

134, 120, 58

Square

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

130, 110, 170

175, 99, 86

101, 129, 69

0, 135, 154

Rectangle

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

130, 110, 170

174, 95, 126

101, 129, 69

15, 136, 114

Sweetspot

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

130, 110, 170

206, 197, 222

110, 150, 170

102, 98, 112

240, 240, 240

112, 112, 112

Same Dimension

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

130, 110, 170

160, 129, 222

160, 110, 170

79, 76, 84

49, 0, 148

7, 0, 20

Inverse Universe

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

170, 110, 150

222, 129, 191

120, 170, 110

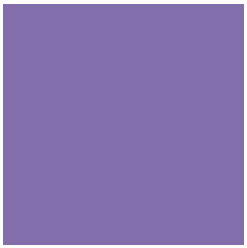
84, 76, 81

148, 0, 99

20, 0, 14

Previews

White Background

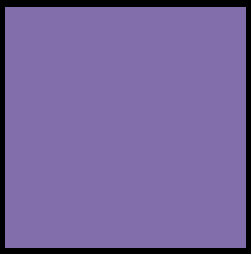


This preview shows how the RGB color 130, 110, 170 looks on a white background.

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



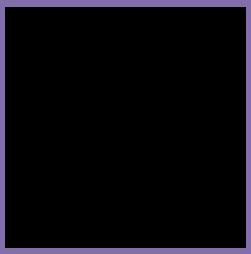
This preview shows how the RGB color 130, 110, 170 looks on a black background.

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 130, 110, 170 Background



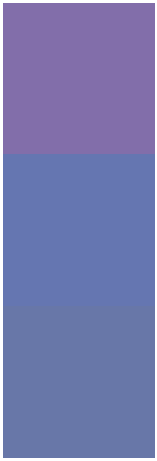
This preview shows how black text looks on a background with the RGB color 130, 110, 170.

This preview shows how white text looks on a background with the RGB color 130, 110, 170.

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



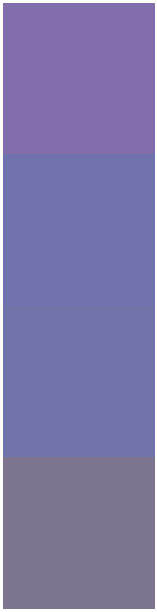
Original Color
130, 110, 170

Protanopia
101, 118, 177

Deuteranopia
104, 119, 168

Tritanopia
122, 119, 128

Trichromacy



Original Color
130, 110, 170

Protanomaly
112, 115, 174

Deuteranomaly
113, 116, 169

Tritanomaly
125, 116, 143

Monochromacy

Original Color
130, 110, 170

Achromatopsia
123, 123, 123

Achromatomaly
126, 118, 140

CSS Examples

Text

The CSS property to change the color of the text to RGB 130, 110, 170 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(130, 110, 170) looks like.

```
.text, #text, p{
    color:rgb(130, 110, 170)
}
```

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(130, 110, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 110, 170) }
```

Border

The CSS property to change the border of an element to RGB 130, 110, 170 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(130, 110, 170) }
```

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

```
.border{ border-color:rgb(130, 110, 170) }
```

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

Here you see how a box with a 4 pixel rgb(130, 110, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(130, 110, 170); -webkit-box-shadow:4px 4px 4px 4px rgb(130, 110, 170); box-shadow:4px 4px 4px 4px rgb(130, 110, 170) }
```

Background

The CSS property to change the background color of an element to RGB 130, 110, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(130, 110, 170) }
```

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

```
.background{ background-color:rgb(130,
110, 170) }
```

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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