

Converting Colors

RGB(130, 70, 232)

Have a look what the booklet for
RGB(130, 70, 232) contains.

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Color

RGB(130, 70, 232)

Conversions

Conversions Part 1

Format	Color
Hex	8246E8
RGB	130, 70, 232
RGB Percent	51%, 27%, 91%
CMY	0.4902, 0.7255, 0.0902
CMYK	0.44, 0.70, 0.00, 0.09
HSL	262°, 78%, 59%
HSV	262°, 70%, 91%
XYZ	25.9616, 14.9523, 77.8617
YIQ	106.4080, -16.2420, 63.1020

Conversions

Conversions Part 2

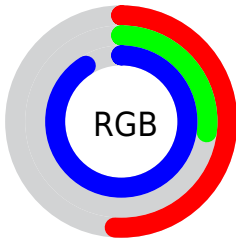
Format	Color
R_{YB}	130, 70, 232
Decimal	8537832
CIE _{Lab}	45.57, 59.03, -72.70
CIE _{LCh}	46, 93.645, 309.078
Yxy	14.9523, 0.2186, 0.1259
Android (android.graphics.Color)	4286727912 (0xFF8246E8)
YUV	106.4080, 61.9169, 20.6902
Hunter-Lab	38.6683, 52.1741, -92.3175

Details

The RGB color **130, 70, 232** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **172, 232, 70**, and the grayscale version is **106, 106, 106**.

A 20% lighter version of the original color is **190, 123, 255**, and **68, 12, 175** is the 20% darker color. If you saturate the color by 10%, you get **115, 47, 232**, and if you desaturate by 10%, it is **145, 93, 232**.

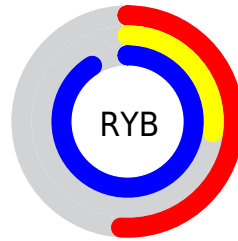
Distribution



Red (51%)

Green (27%)

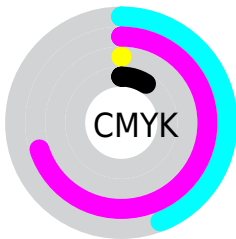
Blue (91%)



Red (51%)

Yellow (27%)

Blue (91%)

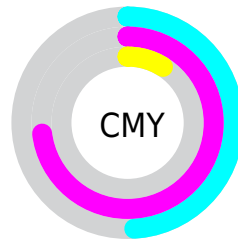


Cyan (44%)

Magenta (70%)

Yellow (0%)

Black (9%)



Cyan (49%)


Magenta (73%)


Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 130, 70, 232 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, 70, 232 by changing the saturation by 10% instead.

 130, 70, 232


 130, 70, 232

255, 255, 255


 100, 43, 203


 190, 123, 255

 68, 12, 175

 220, 150, 255

 29, 0, 148

 250, 177, 255

 0, 0, 121

 255, 206, 255

 0, 0, 95


 255, 234, 255


 0, 8, 70

 0, 4, 47

 0, 1, 25


 0, 0, 0

 130, 70, 232


 130, 70, 232

 115, 47, 232

 145, 93, 232


 101, 24, 232

 159, 116, 232

 86, 0, 232

 174, 140, 232

 86, 0, 232

 188, 163, 232

 203, 186, 232

 218, 209, 232

 232, 232, 232

 247, 255, 232

 255, 255, 232

Harmonies

Analogous

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



0, 112, 255



130, 70, 232



213, 0, 166

Triad

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



130, 70, 232



175, 82, 0



0, 138, 131

Complementary

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



130, 70, 232



172, 232, 70

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, 135, 46



130, 70, 232



111, 113, 0

Square

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



130, 70, 232



220, 0, 3



0, 128, 0



0, 138, 207

Rectangle

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



130, 70, 232



234, 0, 114



0, 128, 0



0, 137, 103

Sweetspot

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



130, 70, 232



221, 201, 255



70, 173, 232



107, 96, 128



0, 0, 0



128, 128, 128

Same Dimension

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



130, 70, 232



120, 41, 255



210, 70, 232



108, 103, 115



66, 0, 179



19, 0, 51

Inverse Universe

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



232, 70, 172



255, 41, 176



92, 232, 70



115, 103, 110



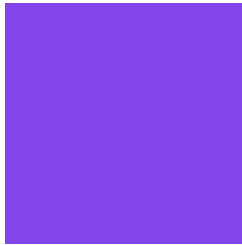
179, 0, 112



51, 0, 32

Previews

White Background



This preview shows how the RGB color 130, 70, 232 looks on a white background.

Color Contrast Check

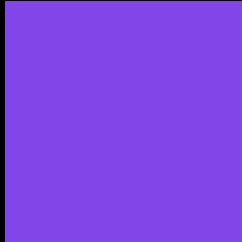
Large Text (above 18pt) WCAG AA ✓ Pass

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 130, 70, 232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

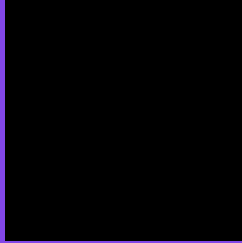
Any Text WCAG AA × Fail

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 130, 70, 232 Background



This preview shows how black text looks on a background with the RGB color 130, 70, 232.

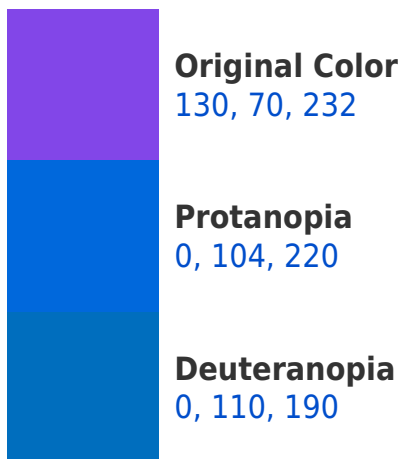


This preview shows how white text looks on a background with the RGB color 130, 70, 232.

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
102, 108, 117

Trichromacy



Original Color
130, 70, 232



Protanomaly
47, 92, 224



Deuteranomaly
47, 95, 205



Tritanomaly
112, 94, 159

Monochromacy



Original Color
130, 70, 232



Achromatopsia
106, 106, 106



Achromatomaly
115, 93, 152

CSS Examples

Text

The CSS property to change the color of the text to RGB 130, 70, 232 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, 70, 232)` looks like.

```
.text, #text, p{  
    color:rgb(130, 70, 232)  
}
```

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, 70, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 70, 232) }
```

Border

The CSS property to change the border of an element to RGB 130, 70, 232 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, 70, 232) }
```

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

```
.border{ border-color:rgb(130, 70, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 70, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 70, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 70, 232);  
box-shadow:4px 4px 4px 4px rgb(130, 70,  
232) }
```

Background

The CSS property to change the background color of an element to RGB 130, 70, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 70, 232) }
```

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

```
.background{ background-color: rgb(130, 70,  
232) }
```

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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