

Converting Colors

RGB(178, 130, 229)

Have a look what the booklet for
RGB(178, 130, 229) contains.

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Color

RGB(178, 130, 229)

Conversions

Conversions Part 1

Format	Color
Hex	B282E5
RGB	178, 130, 229
RGB Percent	70%, 51%, 90%
CMY	0.3020, 0.4902, 0.1020
CMYK	0.22, 0.43, 0.00, 0.10
HSL	269°, 66%, 70%
HSV	269°, 43%, 90%
XYZ	40.4856, 31.0874, 77.9954
YIQ	155.6380, -3.1710, 40.9650

Conversions

Conversions Part 2

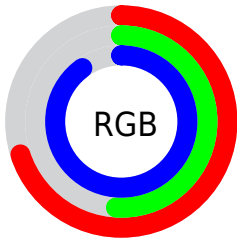
Format	Color
R_{YB}	178, 130, 229
Decimal	11698917
CIE _{Lab}	62.58, 37.49, -43.47
CIE _{LCh}	63, 57.401, 310.780
Yxy	31.0874, 0.2707, 0.2078
Android (android.graphics.Color)	4289888997 (0xFFB282E5)
YUV	155.6380, 36.1675, 19.6115
Hunter-Lab	55.7561, 32.0393, -43.9097

Details

The RGB color **178, 130, 229** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **181, 229, 130**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **235, 184, 255**, and **123, 79, 173** is the 20% darker color. If you saturate the color by 10%, you get **166, 107, 229**, and if you desaturate by 10%, it is **190, 153, 229**.

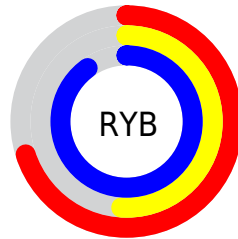
Distribution



Red (70%)

Green (51%)

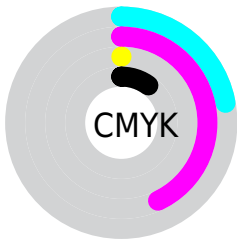
Blue (90%)



Red (70%)

Yellow (51%)

Blue (90%)

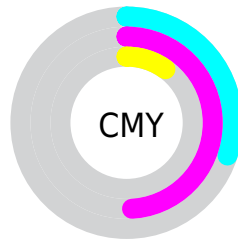


Cyan (22%)

Magenta (43%)

Yellow (0%)

Black (10%)



Cyan (30%)

Magenta (49%)

Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the RGB color 178, 130, 229 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 178, 130, 229 by changing the saturation by 10% instead.

 178, 130, 229

 178, 130, 229

255, 255, 255

 150, 104, 201


 235, 184, 255

 123, 79, 173


 255, 212, 255

 96, 55, 146

 255, 240, 255

 70, 32, 120

 44, 7, 95

 19, 0, 70


 0, 0, 47


 0, 1, 25

 0, 0, 0


 178, 130, 229


 178, 130, 229

 166, 107, 229


 190, 153, 229

 154, 84, 229


 202, 176, 229

 143, 61, 229


 213, 199, 229

 131, 38, 229

 225, 222, 229

 119, 15, 229

 237, 245, 229

 111, 0, 229

 249, 255, 229

 255, 255, 229

Harmonies

Analogous

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



87, 151, 252



178, 130, 229



227, 110, 186

Triad

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



178, 130, 229



205, 137, 51



0, 176, 169

Complementary

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



178, 130, 229



181, 229, 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.



0, 174, 116



178, 130, 229



161, 155, 42

Square

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



178, 130, 229



235, 117, 87



106, 167, 69



0, 174, 217

Rectangle

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



178, 130, 229



242, 104, 152



106, 167, 69



0, 176, 151

Sweetspot

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



178, 130, 229



238, 222, 255



130, 181, 229



117, 107, 128



0, 0, 0



128, 128, 128

Same Dimension

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



178, 130, 229



187, 122, 255



227, 130, 229



109, 103, 115



87, 0, 179



25, 0, 51

Inverse Universe

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



229, 130, 181



255, 122, 191



132, 229, 130



115, 103, 109



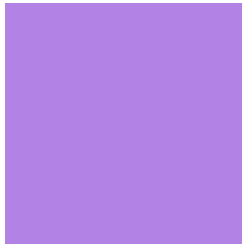
179, 0, 92



51, 0, 26

Previews

White Background



This preview shows how the RGB color 178, 130, 229 looks on a white background.

Color Contrast Check

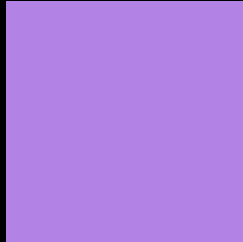
Large Text (above 18pt) WCAG AA × Fail

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 178, 130, 229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

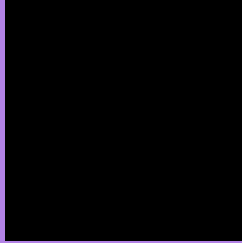
Any Text WCAG AA ✓ Pass

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 178, 130, 229 Background



This preview shows how black text looks on a background with the RGB color 178, 130, 229.

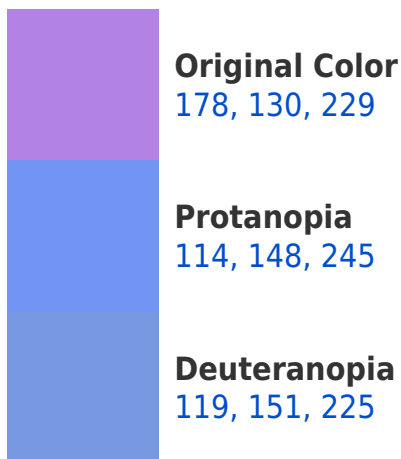


This preview shows how white text looks on a background with the RGB color 178, 130, 229.

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
166, 146, 157

Trichromacy



Original Color
178, 130, 229

Protanomaly
137, 141, 239

Deuteranomaly
140, 143, 226

Tritanomaly
170, 140, 183

Monochromacy



Original Color
178, 130, 229

Achromatopsia
156, 156, 156

Achromatomaly
164, 147, 183

CSS Examples

Text

The CSS property to change the color of the text to RGB 178, 130, 229 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(178, 130, 229)` looks like.

```
.text, #text, p{  
    color:rgb(178, 130, 229)  
}
```

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(178, 130, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 130, 229) }
```

Border

The CSS property to change the border of an element to RGB 178, 130, 229 is called "border". The border property can be set on classes, ids or directly on the HTML element.

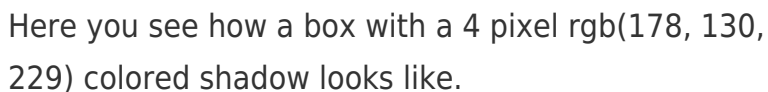
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 130, 229) }
```

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

```
.border{ border-color:rgb(178, 130, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(178, 130, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 130, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 130, 229);  
box-shadow:4px 4px 4px 4px rgb(178, 130,  
229) }
```

Background

The CSS property to change the background color of an element to RGB 178, 130, 229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 130, 229) }
```

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

```
.background{ background-color: rgb(178,  
130, 229) }
```

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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