

Converting Colors

RGB(178, 125, 202)

Have a look what the booklet for
RGB(178, 125, 202) contains.

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Color

RGB(178, 125, 202)

Conversions

Conversions Part 1

Format	Color
Hex	B27DCA
RGB	178, 125, 202
RGB Percent	70%, 49%, 79%
CMY	0.3020, 0.5098, 0.2078
CMYK	0.12, 0.38, 0.00, 0.21
HSL	281°, 42%, 64%
HSV	281°, 38%, 79%
XYZ	36.3544, 28.3965, 59.4421
YIQ	149.6250, 6.8710, 35.1830

Conversions

Conversions Part 2

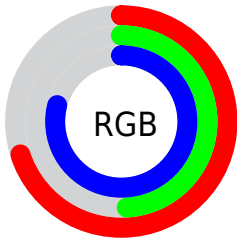
Format	Color
RYB	178, 125, 202
Decimal	11697610
CIELab	60.25, 34.30, -32.00
CIELCh	60, 46.913, 316.988
Yxy	28.3965, 0.2927, 0.2286
Android (android.graphics.Color)	4289887690 (0xFFB27DCA)
YUV	149.6250, 25.8209, 24.8849
Hunter-Lab	53.2883, 28.5217, -28.8350

Details

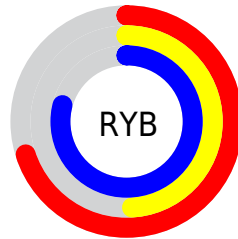
The RGB color **178, 125, 202** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **149, 202, 125**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **235, 178, 255**, and **124, 75, 148** is the 20% darker color. If you saturate the color by 10%, you get **172, 105, 202**, and if you desaturate by 10%, it is **184, 145, 202**.

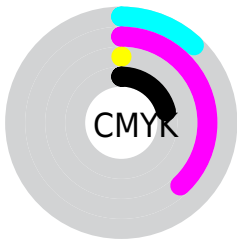
Distribution



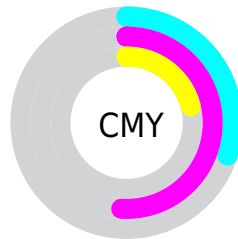
- Red (70%)
- Green (49%)
- Blue (79%)



- Red (70%)
- Yellow (49%)
- Blue (79%)



- Cyan (12%)
- Magenta (38%)
- Yellow (0%)
- Black (21%)




- Cyan (30%)
- Magenta (51%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the RGB color 178, 125, 202 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, 125, 202 by changing the saturation by 10% instead.

 178, 125, 202

 178, 125, 202

255, 255, 255

 151, 99, 174


 235, 178, 255

 124, 75, 148

 255, 206, 255

 98, 51, 122

 255, 235, 255

 73, 27, 96


 48, 2, 72

 30, 0, 50

 0, 1, 27


 0, 0, 0


 178, 125, 202


 178, 125, 202

 172, 105, 202


 184, 145, 202

 165, 85, 202

 191, 165, 202

 159, 64, 202

 197, 186, 202

 153, 44, 202

 203, 206, 202

 147, 24, 202

 209, 226, 202

 140, 4, 202

 216, 246, 202

 139, 0, 202

 222, 255, 202

 228, 255, 202

 235, 255, 202

Harmonies

Analogous

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



118, 141, 224



178, 125, 202



212, 112, 165

Triad

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



178, 125, 202



185, 137, 63



0, 166, 168

Complementary

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



178, 125, 202



149, 202, 125

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.



6, 165, 125



178, 125, 202



146, 150, 62

Square

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



178, 125, 202



212, 121, 86



99, 160, 87



0, 163, 205

Rectangle

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



178, 125, 202



222, 110, 137



99, 160, 87



0, 166, 154

Sweetspot

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



178, 125, 202



246, 227, 255



125, 149, 202



122, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



178, 125, 202



218, 138, 255



202, 125, 188



99, 92, 102



114, 0, 166



26, 0, 38

Inverse Universe

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



202, 125, 149



255, 138, 174



125, 202, 139



102, 92, 95



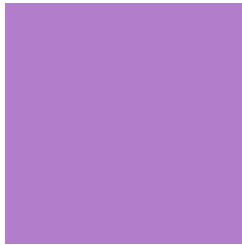
166, 0, 52



38, 0, 12

Previews

White Background



This preview shows how the RGB color 178, 125, 202 looks on a white background.

Color Contrast Check

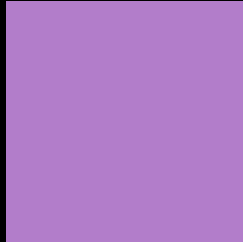
Large Text (above 18pt) WCAG AA ✓ Pass

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 178, 125, 202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

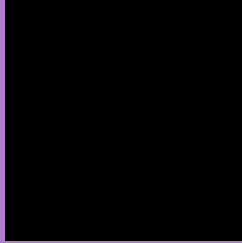
Any Text WCAG AA ✓ Pass

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 178, 125, 202 Background



This preview shows how black text looks on a background with the RGB color 178, 125, 202.

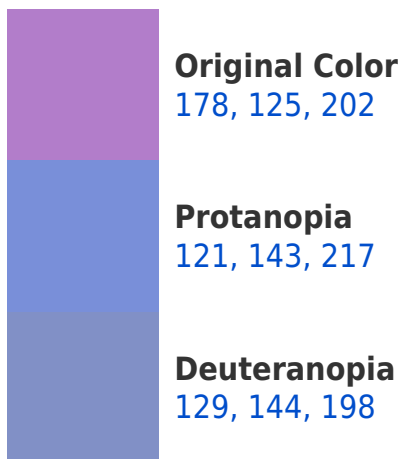


This preview shows how white text looks on a background with the RGB color 178, 125, 202.

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
170, 137, 147

Trichromacy



Original Color

178, 125, 202



Protanomaly

142, 136, 212



Deuteranomaly

147, 137, 199



Tritanomaly

173, 133, 167

Monochromacy



Original Color

178, 125, 202



Achromatopsia

150, 150, 150



Achromatomaly

160, 141, 169

CSS Examples

Text

The CSS property to change the color of the text to RGB 178, 125, 202 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, 125, 202)` looks like.

```
.text, #text, p{  
    color:rgb(178, 125, 202)  
}
```

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, 125, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 125, 202) }
```

Border

The CSS property to change the border of an element to RGB 178, 125, 202 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, 125, 202) }
```

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

```
.border{ border-color:rgb(178, 125, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 125, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 125, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 125, 202);  
box-shadow:4px 4px 4px 4px rgb(178, 125,  
202) }
```

Background

The CSS property to change the background color of an element to RGB 178, 125, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 125, 202) }
```

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

```
.background{ background-color: rgb(178,  
125, 202) }
```

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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