

Converting Colors

RGB(178, 112, 166)

Have a look what the booklet for
RGB(178, 112, 166) contains.

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Color

RGB(178, 112, 166)

Conversions

Conversions Part 1

Format	Color
Hex	B270A6
RGB	178, 112, 166
RGB Percent	70%, 44%, 65%
CMY	0.3020, 0.5608, 0.3490
CMYK	0.00, 0.37, 0.07, 0.30
HSL	311°, 30%, 57%
HSV	311°, 37%, 70%
XYZ	31.0372, 23.8065, 39.0357
YIQ	137.8900, 22.0020, 30.7860

Conversions

Conversions Part 2

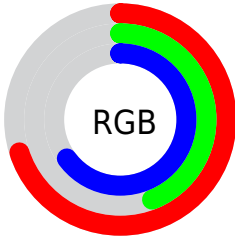
Format	Color
RYB	178, 112, 166
Decimal	11694246
CIELab	55.89, 34.43, -18.12
CIELCh	56, 38.905, 332.233
Yxy	23.8065, 0.3306, 0.2536
Android (android.graphics.Color)	4289884326 (0xFFB270A6)
YUV	137.8900, 13.8582, 35.1765
Hunter-Lab	48.7919, 28.1605, -13.2803

Details

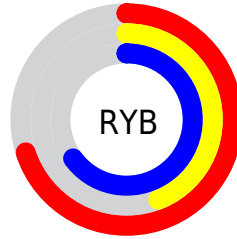
The RGB color **178, 112, 166** is a light color, and the websafe version is hex **996699**. A complement of this color would be **112, 178, 124**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **235, 165, 221**, and **124, 62, 114** is the 20% darker color. If you saturate the color by 10%, you get **178, 94, 163**, and if you desaturate by 10%, it is **178, 130, 169**.

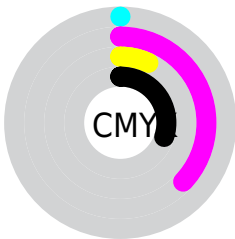
Distribution



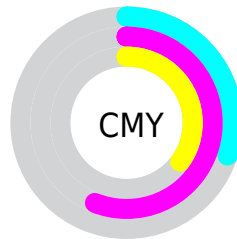
- Red (70%)
- Green (44%)
- Blue (65%)



- Red (70%)
- Yellow (44%)
- Blue (65%)



- Cyan (0%)
- Magenta (37%)
- Yellow (7%)
- Black (30%)



- Cyan (30%)
- Magenta (56%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 178, 112, 166 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, 112, 166 by changing the saturation by 10% instead.

 178, 112, 166

255, 255, 255


 235, 165, 221

 255, 192, 250


 255, 221, 255


 255, 249, 255

 178, 112, 166

 151, 87, 140

 124, 62, 114

 98, 38, 89

 73, 12, 66

 49, 0, 43

 24, 0, 23


 0, 0, 0

 178, 112, 166


 178, 94, 163

 178, 112, 166

 178, 130, 169

 178, 76, 160


 178, 148, 172

 178, 59, 156

 178, 165, 176

 178, 41, 153

 178, 183, 179

 178, 23, 150

 178, 201, 182

 178, 5, 147

 178, 219, 185

 178, 0, 146

 178, 237, 189

 178, 254, 192

 178, 255, 195

Harmonies

Analogous

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



140, 124, 191



178, 112, 166



196, 106, 133

Triad

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



178, 112, 166



152, 133, 65



0, 150, 169

Complementary

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



178, 112, 166



112, 178, 124

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, 151, 135



178, 112, 166



117, 143, 75

Square

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



178, 112, 166



180, 121, 75



74, 149, 101



0, 146, 193

Rectangle

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



178, 112, 166



198, 108, 110



74, 149, 101



0, 151, 158

Sweetspot

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



178, 112, 166



232, 207, 227



123, 112, 178



117, 102, 115



245, 245, 245



117, 117, 117

Same Dimension

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



178, 112, 166



232, 130, 213



178, 112, 134



89, 80, 88



153, 0, 125



26, 0, 21

Inverse Universe

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



178, 112, 166



232, 130, 213



112, 178, 156



89, 80, 88



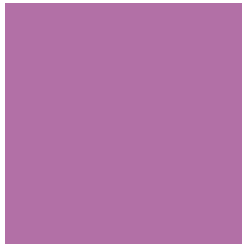
153, 0, 125



26, 0, 21

Previews

White Background



This preview shows how the RGB color 178, 112, 166 looks on a white background.

Color Contrast Check

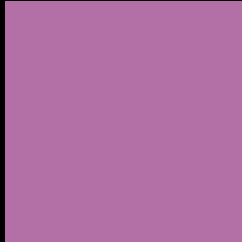
Large Text (above 18pt) WCAG AA ✓ Pass

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, 112, 166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

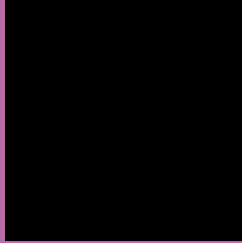
Any Text WCAG AA ✓ Pass

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, 112, 166 Background



This preview shows how black text looks on a background with the RGB color 178, 112, 166.

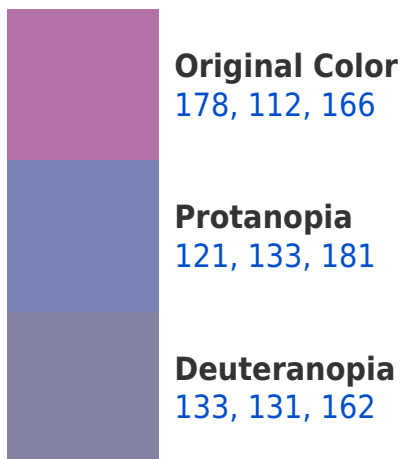



This preview shows how white text looks on a background with the RGB color 178, 112, 166.

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
173, 119, 129

Trichromacy



Original Color
178, 112, 166

Protanomaly
142, 125, 176

Deuteranomaly
149, 124, 163

Tritanomaly
175, 116, 142

Monochromacy



Original Color
178, 112, 166

Achromatopsia
138, 138, 138

Achromatomaly
153, 129, 148

CSS Examples

Text

The CSS property to change the color of the text to RGB 178, 112, 166 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, 112, 166)` looks like.

```
.text, #text, p{  
    color:rgb(178, 112, 166)  
}
```

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, 112, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 112, 166) }
```

Border

The CSS property to change the border of an element to RGB 178, 112, 166 is called "border". The border property can be set on classes, ids or directly on the HTML element.

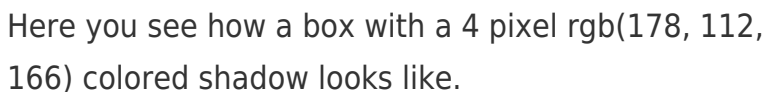
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 112, 166) }
```

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

```
.border{ border-color:rgb(178, 112, 166) }
```

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



Here you see how a box with a 4 pixel rgb(178, 112, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 112, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 112, 166);  
box-shadow:4px 4px 4px 4px rgb(178, 112,  
166) }
```

Background

The CSS property to change the background color of an element to RGB 178, 112, 166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 112, 166) }
```

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

```
.background{ background-color: rgb(178,  
112, 166) }
```

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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