

Converting Colors

RGB(137, 112, 186)

Have a look what the booklet for
RGB(137, 112, 186) contains.

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Color

RGB(137, 112, 186)

Conversions

Conversions Part 1

Format	Color
Hex	8970BA
RGB	137, 112, 186
RGB Percent	54%, 44%, 73%
CMY	0.4627, 0.5608, 0.2706
CMYK	0.26, 0.40, 0.00, 0.27
HSL	260°, 35%, 58%
HSV	260°, 40%, 73%
XYZ	24.9736, 20.4519, 49.0857
YIQ	127.9110, -8.8540, 28.3140

Conversions

Conversions Part 2

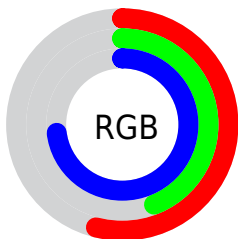
Format	Color
R_{YB}	137, 112, 186
Decimal	9007290
CIE _{Lab}	52.34, 25.66, -35.52
CIE _{LCh}	52, 43.818, 305.844
Yxy	20.4519, 0.2642, 0.2164
Android (android.graphics.Color)	4287197370 (0xFF8970BA)
YUV	127.9110, 28.6379, 7.9711
Hunter-Lab	45.2238, 19.4304, -32.6966

Details

The RGB color **137, 112, 186** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **161, 186, 112**, and the grayscale version is **128, 128, 128**.

A 20% lighter version of the original color is **192, 164, 242**, and **85, 64, 132** is the 20% darker color. If you saturate the color by 10%, you get **125, 93, 186**, and if you desaturate by 10%, it is **149, 131, 186**.

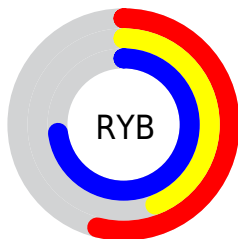
Distribution



Red (54%)

Green (44%)

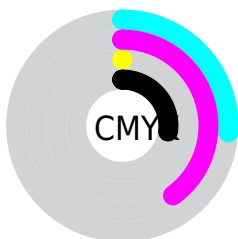
Blue (73%)



Red (54%)

Yellow (44%)

Blue (73%)

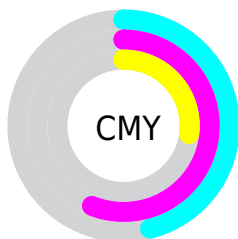


Cyan (26%)

Magenta (40%)

Yellow (0%)

Black (27%)



Cyan (46%)


Magenta (56%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the RGB color 137, 112, 186 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 137, 112, 186 by changing the saturation by 10% instead.

 137, 112, 186


 137, 112, 186

255, 255, 255

 111, 87, 159

 192, 164, 242

 85, 64, 132

 220, 191, 255

 60, 41, 107

 249, 219, 255

 35, 20, 82


 255, 248, 255


 12, 0, 59

 0, 2, 36

 0, 0, 12

 0, 0, 0

 137, 112, 186

 137, 112, 186

■ 125, 93, 186

■ 149, 131, 186

■ 112, 75, 186

■ 162, 149, 186

■ 100, 56, 186

■ 174, 168, 186

■ 88, 38, 186

■ 186, 186, 186

■ 75, 19, 186

■ 199, 205, 186

■ 63, 0, 186

■ 211, 224, 186

■ 63, 0, 186

■ 223, 242, 186

■ 236, 255, 186

■ 248, 255, 186

Harmonies

Analogous

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



69, 126, 200



137, 112, 186



177, 98, 156

Triad

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



137, 112, 186



171, 112, 56



0, 144, 131

Complementary

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



137, 112, 186



161, 186, 112

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.



43, 141, 93



137, 112, 186



139, 125, 46

Square

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



137, 112, 186



191, 98, 83



100, 135, 61



0, 142, 168

Rectangle

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



137, 112, 186



191, 93, 132



100, 135, 61



0, 143, 118

Sweetspot

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



137, 112, 186



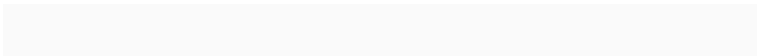
223, 213, 242



112, 161, 186



111, 105, 122



250, 250, 250



122, 122, 122

Same Dimension

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



137, 112, 186



165, 126, 242



174, 112, 186



86, 83, 92



53, 0, 156



9, 0, 28

Inverse Universe

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



186, 112, 161



242, 126, 203



124, 186, 112



92, 83, 89



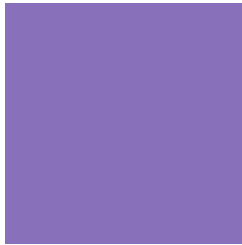
156, 0, 103



28, 0, 19

Previews

White Background



This preview shows how the RGB color 137, 112, 186 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 137, 112, 186 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 137, 112, 186 Background



This preview shows how black text looks on a background with the RGB color 137, 112, 186.

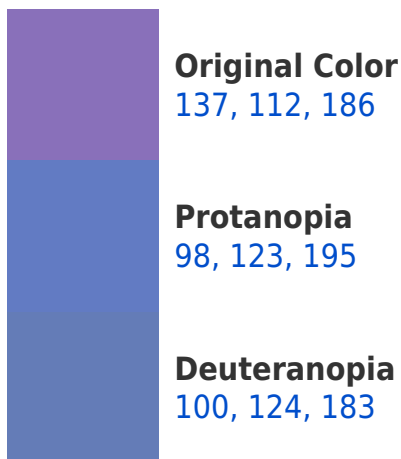


This preview shows how white text looks on a background with the RGB color 137, 112, 186.

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
127, 123, 133

Trichromacy



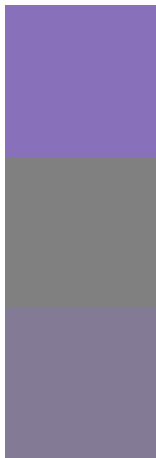
Original Color
137, 112, 186

Protanomaly
112, 119, 192

Deuteranomaly
113, 120, 184

Tritanomaly
131, 119, 152

Monochromacy



Original Color
137, 112, 186

Achromatopsia
128, 128, 128

Achromatomaly
131, 122, 149

CSS Examples

Text

The CSS property to change the color of the text to RGB 137, 112, 186 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(137, 112, 186)` looks like.

```
.text, #text, p{  
    color:rgb(137, 112, 186)  
}
```

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(137, 112, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 112, 186) }
```

Border

The CSS property to change the border of an element to RGB 137, 112, 186 is called "border". The border property can be set on classes, ids or directly on the HTML element.

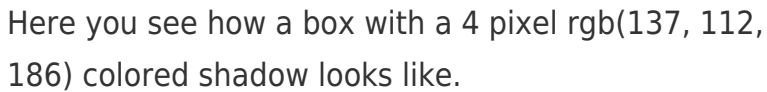
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 112, 186) }
```

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

```
.border{ border-color:rgb(137, 112, 186) }
```

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



Here you see how a box with a 4 pixel `rgb(137, 112, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 112, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 112, 186); box-shadow:4px 4px 4px 4px rgb(137, 112, 186) }
```

Background

The CSS property to change the background color of an element to RGB 137, 112, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 112, 186) }
```

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

```
.background{ background-color: rgb(137,  
112, 186) }
```

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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