

# Converting Colors

RGB(142, 111, 176)

Have a look what the booklet for  
RGB(142, 111, 176) contains.

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# Color

**RGB(142, 111, 176)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8E6FB0
RGB	142, 111, 176
RGB Percent	56%, 44%, 69%
CMY	0.4431, 0.5647, 0.3098
CMYK	0.19, 0.37, 0.00, 0.31
HSL	269°, 29%, 56%
HSV	269°, 37%, 69%
XYZ	24.6762, 20.2543, 43.6832
YIQ	127.6790, -2.3890, 26.7870

# Conversions

## Conversions Part 2

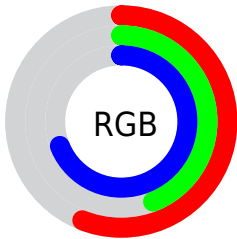
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	142, 111, 176
Decimal	9334704
CIE <sub>Lab</sub>	52.12, 25.33, -30.05
CIE <sub>LCh</sub>	52, 39.307, 310.130
Yxy	20.2543, 0.2785, 0.2286
Android (android.graphics.Color)	4287524784 (0xFF8E6FB0)
YUV	127.6790, 23.8223, 12.5595
Hunter-Lab	45.0047, 19.1139, -26.0457

# Details

The RGB color **142, 111, 176** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **145, 176, 111**, and the grayscale version is **127, 127, 127**.

A 20% lighter version of the original color is **197, 163, 232**, and **90, 63, 123** is the 20% darker color. If you saturate the color by 10%, you get **133, 93, 176**, and if you desaturate by 10%, it is **151, 129, 176**.

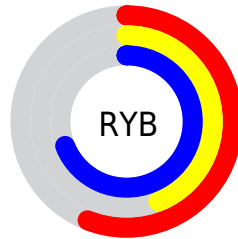
# Distribution



Red (56%)

Green (44%)

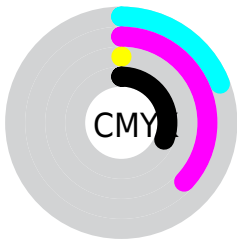
Blue (69%)



Red (56%)

Yellow (44%)

Blue (69%)

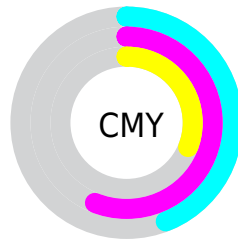


Cyan (19%)

Magenta (37%)

Yellow (0%)

Black (31%)



Cyan (44%)

Magenta (56%)


Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 142, 111, 176 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 142, 111, 176 by changing the saturation by 10% instead.



 142, 111, 176

255, 255, 255

 197, 163, 232

 225, 190, 255

 254, 218, 255


 255, 247, 255

 142, 111, 176

 116, 86, 149

 90, 63, 123

 66, 40, 98

 42, 18, 74

 22, 0, 51


 0, 2, 29

 0, 0, 0

 142, 111, 176

 133, 93, 176

 142, 111, 176

 151, 129, 176

124, 76, 176

160, 146, 176

114, 58, 176

170, 164, 176

105, 41, 176

179, 181, 176

96, 23, 176

188, 199, 176

87, 5, 176

197, 217, 176

84, 0, 176

206, 234, 176

216, 252, 176

225, 255, 176

# Harmonies

## Analogous

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



89, 124, 190



142, 111, 176



175, 100, 148

# Triad

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



142, 111, 176



163, 114, 61



0, 142, 135

# Complementary

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



142, 111, 176



145, 176, 111

# 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.



47, 140, 100



142, 111, 176



133, 126, 56

# Square

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



142, 111, 176



183, 103, 83



97, 135, 71



0, 140, 167

# Rectangle

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



142, 111, 176



186, 96, 126



97, 135, 71



0, 141, 123



# Sweetspot

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



142, 111, 176



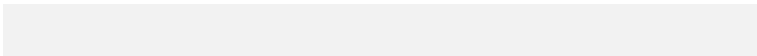
216, 204, 230



111, 146, 176



107, 100, 115



242, 242, 242



115, 115, 115



# Same Dimension

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



142, 111, 176



177, 129, 230



174, 111, 176



85, 80, 89



73, 0, 153



12, 0, 26



# Inverse Universe

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



176, 111, 145



230, 129, 181



113, 176, 111



89, 80, 85



153, 0, 80

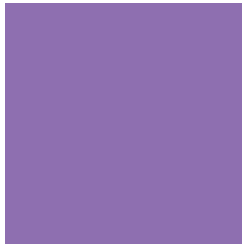


26, 0, 13



# Previews

## White Background



This preview shows how the RGB color 142, 111, 176 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 142, 111, 176 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

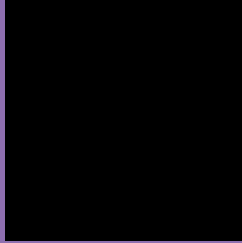
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 142, 111, 176 Background



This preview shows how black text looks on a background with the RGB color 142, 111, 176.



This preview shows how white text looks on a background with the RGB color 142, 111, 176.

# 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



**Original Color**


142, 111, 176

**Protanopia**

103, 122, 185

**Deuteranopia**

108, 123, 174



**Tritanopia**  
134, 121, 130

# Trichromacy



**Original Color**  
142, 111, 176

**Protanomaly**  
117, 118, 182

**Deuteranomaly**  
120, 119, 175

**Tritanomaly**  
137, 117, 147

# Monochromacy



**Original Color**  
142, 111, 176

**Achromatopsia**  
128, 128, 128

**Achromatomaly**  
133, 122, 145

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 142, 111, 176 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(142, 111, 176)` looks like.

```
.text, #text, p{  
    color:rgb(142, 111, 176)  
}
```

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(142, 111, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 111, 176) }
```

## Border

The CSS property to change the border of an element to RGB 142, 111, 176 is called "border". The border property can be set on classes, ids or directly on the HTML element.

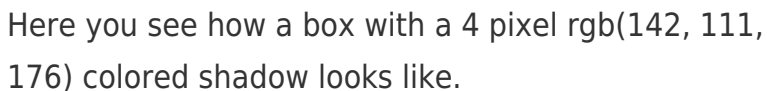
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(142, 111, 176) }
```

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

```
.border{ border-color:rgb(142, 111, 176) }
```

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



Here you see how a box with a 4 pixel `rgb(142, 111, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(142, 111, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(142, 111, 176); box-shadow:4px 4px 4px 4px rgb(142, 111, 176) }
```

# Background

The CSS property to change the background color of an element to RGB 142, 111, 176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 111, 176) }
```

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

```
.background{ background-color: rgb(142,  
111, 176) }
```

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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