

Converting Colors

RGB(124, 112, 169)

Have a look what the booklet for
RGB(124, 112, 169) contains.

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Color

RGB(124, 112, 169)

Conversions

Conversions Part 1

Format	Color
Hex	7C70A9
RGB	124, 112, 169
RGB Percent	49%, 44%, 66%
CMY	0.5137, 0.5608, 0.3373
CMYK	0.27, 0.34, 0.00, 0.34
HSL	253°, 25%, 55%
HSV	253°, 34%, 66%
XYZ	21.2678, 18.7380, 40.0320
YIQ	122.0860, -11.1450, 20.2710

Conversions

Conversions Part 2

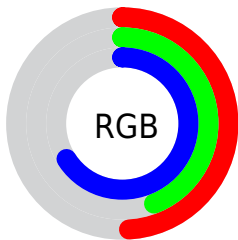
Format	Color
RYB	124, 112, 169
Decimal	8155305
CIELab	50.38, 17.43, -28.83
CIELCh	50, 33.692, 301.160
Yxy	18.7380, 0.2657, 0.2341
Android (android.graphics.Color)	4286345385 (0xFF7C70A9)
YUV	122.0860, 23.1286, 1.6786
Hunter-Lab	43.2874, 11.9469, -24.5299

Details

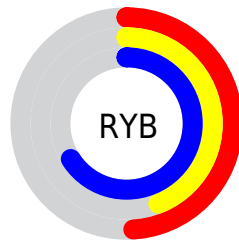
The RGB color **124, 112, 169** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **157, 169, 112**, and the grayscale version is **122, 122, 122**.

A 20% lighter version of the original color is **178, 164, 224**, and **73, 64, 117** is the 20% darker color. If you saturate the color by 10%, you get **111, 95, 169**, and if you desaturate by 10%, it is **137, 129, 169**.

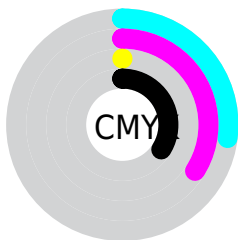
Distribution



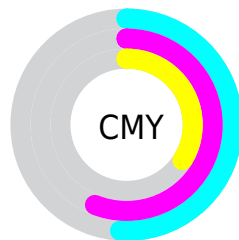
- Red (49%)
- Green (44%)
- Blue (66%)



- Red (49%)
- Yellow (44%)
- Blue (66%)



- Cyan (27%)
- Magenta (34%)
- Yellow (0%)
- Black (34%)



- Cyan (51%)
- Magenta (56%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RGB color 124, 112, 169 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 124, 112, 169 by changing the saturation by 10% instead.

■ 124, 112, 169

255, 255, 255

■ 178, 164, 224

■ 205, 191, 253

■ 234, 219, 255

■ 255, 247, 255

■ 124, 112, 169

■ 98, 88, 142

■ 73, 64, 117

■ 49, 42, 92

■ 25, 22, 68

■ 6, 0, 46

■ 0, 1, 24

■ 0, 0, 0

■ 124, 112, 169

■ 111, 95, 169

■ 124, 112, 169

■ 137, 129, 169

■ 97, 78, 169

■ 151, 146, 169

■ 84, 61, 169

■ 164, 163, 169

■ 71, 44, 169

■ 177, 180, 169

■ 57, 27, 169

■ 191, 196, 169

■ 44, 11, 169

■ 204, 213, 169

■ 36, 0, 169

■ 217, 230, 169

■ 231, 247, 169

■ 244, 255, 169

Harmonies

Analogous

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



76, 122, 177



124, 112, 169



157, 102, 148

Triad

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



124, 112, 169



160, 108, 70



15, 135, 120

Complementary

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



124, 112, 169



157, 169, 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.



72, 132, 91



124, 112, 169



137, 119, 61

Square

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



124, 112, 169



173, 100, 92



107, 127, 69



0, 134, 149

Rectangle

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



124, 112, 169



169, 98, 130



107, 127, 69



40, 134, 110

Sweetspot

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



124, 112, 169



202, 197, 219



112, 158, 169



99, 96, 110



237, 237, 237



110, 110, 110

Same Dimension

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



124, 112, 169



150, 132, 219



152, 112, 169



78, 76, 84



31, 0, 148



4, 0, 20

Inverse Universe

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



169, 112, 157



219, 132, 201



129, 169, 112



84, 76, 82



148, 0, 117



20, 0, 16

Previews

White Background



This preview shows how the RGB color 124, 112, 169 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 124, 112, 169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

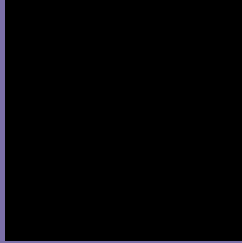
Any Text WCAG AA ✓ Pass

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 124, 112, 169 Background



This preview shows how black text looks on a background with the RGB color 124, 112, 169.



This preview shows how white text looks on a background with the RGB color 124, 112, 169.

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


124, 112, 169

Protanopia

102, 118, 174

Deuteranopia

103, 119, 168



Tritanopia
116, 120, 129

Trichromacy



Original Color
124, 112, 169

Protanomaly
110, 116, 172

Deuteranomaly
111, 116, 168

Tritanomaly
119, 117, 144

Monochromacy



Original Color
124, 112, 169

Achromatopsia
122, 122, 122

Achromatomaly
123, 118, 139

CSS Examples

Text

The CSS property to change the color of the text to RGB 124, 112, 169 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(124, 112, 169)` looks like.

```
.text, #text, p{  
  color:rgb(124, 112, 169)  
}
```

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(124, 112, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 112, 169) }
```

Border

The CSS property to change the border of an element to RGB 124, 112, 169 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(124, 112, 169) }
```

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

```
.border{ border-color:rgb(124, 112, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 112, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 112, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 112, 169);  
box-shadow:4px 4px 4px 4px rgb(124, 112,  
169) }
```

Background

The CSS property to change the background color of an element to RGB 124, 112, 169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 112, 169) }
```

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

```
.background{ background-color: rgb(124,  
112, 169) }
```

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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