

Converting Colors

RGB(121, 105, 169)

Have a look what the booklet for
RGB(121, 105, 169) contains.

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Color

RGB(121, 105, 169)

Conversions

Conversions Part 1

Format	Color
Hex	7969A9
RGB	121, 105, 169
RGB Percent	47%, 41%, 66%
CMY	0.5255, 0.5882, 0.3373
CMYK	0.28, 0.38, 0.00, 0.34
HSL	255°, 27%, 54%
HSV	255°, 38%, 66%
XYZ	20.0982, 17.0327, 39.7645

Conversions

Conversions Part 2

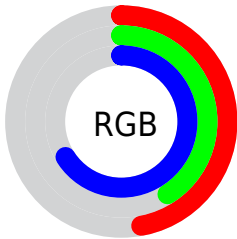
Format	Color
R _Y B	121, 105, 169
Decimal	7956905
CIE Lab	48.30, 20.72, -32.09
CIE LCh	48, 38.202, 302.847
Yxy	17.0327, 0.2614, 0.2215
Android (android.graphics.Color)	4286146985 (0xFF7969A9)
YUV	117.0800, 25.5966, 3.4378

Details

The RGB color **121, 105, 169** is a dark color, and the **websafe** version is hex **666699**. A complement of this color would be **153, 169, 105**, and the grayscale version is **117, 117, 117**.

A 20% lighter version of the original color is **175, 156, 225**, and **70, 58, 117** is the 20% darker color. If you saturate the color by 10%, you get **108, 88, 169**, and if you desaturate by 10%, it is **134, 122, 169**.

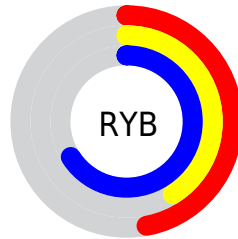
Distribution



Red (47%)

Green (41%)

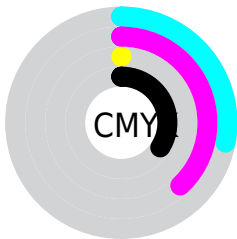
Blue (66%)



Red (47%)

Yellow (41%)

Blue (66%)

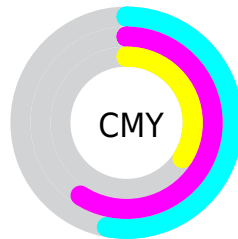


Cyan (28%)

Magenta (38%)

Yellow (0%)

Black (34%)



Cyan (53%)


Magenta (59%)


Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the RGB color 121, 105, 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 121, 105, 169 by changing the saturation by 10% instead.

 121, 105, 169

 148, 130, 196

 175, 156, 225

 203, 183, 253

 231, 211, 255

 255, 239, 255

 255, 255, 255

 121, 105, 169

 95, 81, 142

 70, 58, 117


 45, 36, 92

 20, 16, 68

 0, 0, 45

 0, 1, 23

 0, 0, 0

 121, 105, 169

 108, 88, 169

 96, 71, 169

 83, 54, 169


 70, 37, 169

 58, 21, 169

 45, 4, 169

 42, 0, 169


 121, 105, 169

 134, 122, 169

 146, 139, 169

 159, 156, 169

 172, 173, 169

 184, 189, 169

 197, 206, 169

 210, 223, 169

■ 222, 240, 169

■ 235, 255, 169

Harmonies

Analogous

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



63, 117, 179



121, 105, 169



157, 93, 145

Triad

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



121, 105, 169



157, 102, 57



0, 131, 117

Complementary

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



121, 105, 169



153, 169, 105

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.



54, 129, 84



121, 105, 169



131, 114, 48

Square

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



121, 105, 169



173, 91, 81



97, 123, 58



0, 130, 149

Rectangle

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



121, 105, 169



170, 88, 124



97, 123, 58



0, 131, 106

Sweetspot

The sweet spot groups the original color and five complimentary colors.



121, 105, 169



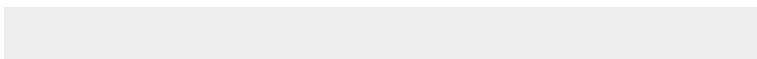
201, 195, 219



105, 153, 169



99, 95, 110



237, 237, 237



110, 110, 110

Previews

White Background



This preview shows how the RGB color 121, 105, 169 looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

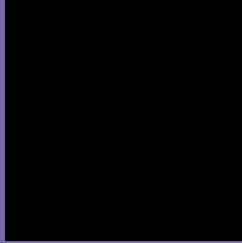
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

RGB 121, 105, 169 Background



This preview shows how black text looks on a background with the RGB color 121, 105, 169.



This preview shows how white text looks on a background with the RGB color 121, 105, 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

121, 105, 169

Protanopia

92, 113, 175

Deuteranopia

93, 114, 167



Tritanopia
112, 114, 124

Trichromacy



Original Color

121, 105, 169

Protanomaly

103, 110, 173

Deuteranomaly

103, 111, 168

Tritanomaly

115, 111, 140

Monochromacy



Original Color

121, 105, 169

Achromatopsia

117, 117, 117

Achromatomaly

118, 113, 136

CSS Examples

Text

The CSS property to change the color of the text to RGB 121, 105, 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(121, 105, 169)` looks like.

```
.text, #text, p{  
    color:rgb(121, 105, 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(121, 105, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 105, 169) }
```

Border

The CSS property to change the border of an element to RGB 121, 105, 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(121, 105, 169) }
```

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

```
.border{ border-color:rgb(121, 105, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 105, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 105, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 105, 169);  
box-shadow:4px 4px 4px 4px rgb(121, 105,  
169) }
```

Background

The CSS property to change the background color of an element to RGB 121, 105, 169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 105, 169) }
```

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

```
.background{ background-color: rgb(121,  
105, 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](#).

Hey! You found this booklet interesting? Have a look at my other booklet **HOWCOLORS.WORK – A CSS color notation guide.**



HOWCOLORS.WORK

A CSS color notation guide.

Are you new to web development and want to know the different ways to express colors in CSS? Then this booklet is for you!

HOWCOLORS.WORK will help you understand the syntax of the color notations in CSS.

You will learn all the current and new ways to express colors to prepare yourself for the future!

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