

Converting Colors

RGB(124, 71, 184)

Have a look what the booklet for
RGB(124, 71, 184) contains.

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Color

RGB(124, 71, 184)

Conversions

Conversions Part 1

Format	Color
Hex	7C47B8
RGB	124, 71, 184
RGB Percent	49%, 28%, 72%
CMY	0.5137, 0.7216, 0.2784
CMYK	0.33, 0.61, 0.00, 0.28
HSL	268°, 44%, 50%
HSV	268°, 61%, 72%
XYZ	19.2171, 12.2523, 46.6995
YIQ	99.7290, -4.6850, 46.3790

Conversions

Conversions Part 2

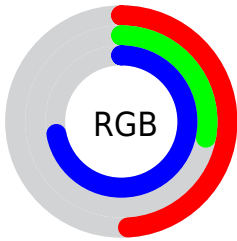
Format	Color
RYB	124, 71, 184
Decimal	8144824
CIELab	41.61, 45.13, -51.49
CIElCh	42, 68.468, 311.230
Yxy	12.2523, 0.2458, 0.1567
Android (android.graphics.Color)	4286334904 (0xFF7C47B8)
YUV	99.7290, 41.5456, 21.2857
Hunter-Lab	35.0032, 36.7428, -54.5994

Details

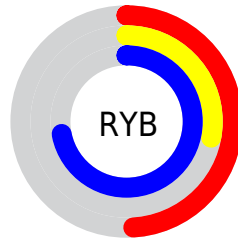
The RGB color **124, 71, 184** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **131, 184, 71**, and the grayscale version is **99, 99, 99**.

A 20% lighter version of the original color is **180, 122, 241**, and **69, 21, 130** is the 20% darker color. If you saturate the color by 10%, you get **114, 53, 184**, and if you desaturate by 10%, it is **134, 89, 184**.

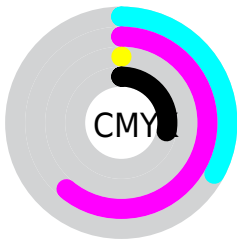
Distribution



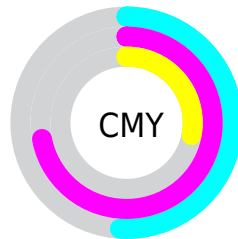
- Red (49%)
- Green (28%)
- Blue (72%)



- Red (49%)
- Yellow (28%)
- Blue (72%)



- Cyan (33%)
- Magenta (61%)
- Yellow (0%)
- Black (28%)



- Cyan (51%)
- Magenta (72%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RGB color 124, 71, 184 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, 71, 184 by changing the saturation by 10% instead.



124, 71, 184



124, 71, 184

255, 255, 255



97, 46, 157



180, 122, 241



69, 21, 130



209, 149, 255



41, 0, 104



238, 176, 255



12, 0, 80



255, 204, 255



0, 0, 56



255, 232, 255



0, 2, 33



0, 0, 6



0, 0, 0



124, 71, 184



124, 71, 184

■ 114, 53, 184

■ 134, 89, 184

■ 104, 34, 184

■ 144, 108, 184

■ 95, 16, 184

■ 153, 126, 184

■ 86, 0, 184

■ 163, 145, 184

■ 173, 163, 184

■ 183, 181, 184

■ 192, 200, 184

■ 202, 218, 184

■ 212, 237, 184

Harmonies

Analogous

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



0, 99, 210



124, 71, 184



178, 31, 136

Triad

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



124, 71, 184



148, 82, 0



0, 122, 119

Complementary

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



124, 71, 184



131, 184, 71

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, 120, 59



124, 71, 184



101, 103, 0

Square

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



124, 71, 184



182, 50, 24



27, 114, 0



0, 121, 172

Rectangle

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



124, 71, 184



193, 3, 98



27, 114, 0



0, 121, 99

Sweetspot

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



124, 71, 184



217, 197, 240



71, 131, 184



106, 93, 120



247, 247, 247



120, 120, 120

Same Dimension

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



124, 71, 184



146, 62, 240



180, 71, 184



87, 83, 92



73, 0, 156



13, 0, 28

Inverse Universe

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



184, 71, 131



240, 62, 157



75, 184, 71



92, 83, 87



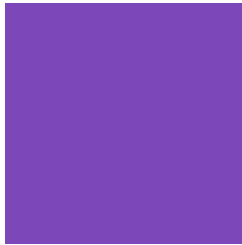
156, 0, 83



28, 0, 15

Previews

White Background



This preview shows how the RGB color 124, 71, 184 looks on a white background.

Color Contrast Check

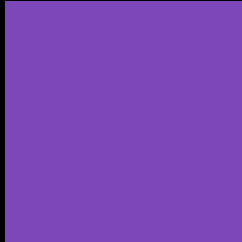
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 124, 71, 184 looks on a 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 124, 71, 184 Background



This preview shows how black text looks on a background with the RGB color 124, 71, 184.

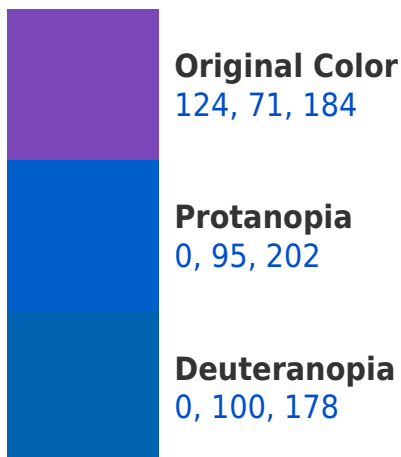


This preview shows how white text looks on a background with the RGB color 124, 71, 184.

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
108, 94, 102

Trichromacy



Original Color

124, 71, 184



Protanomaly

45, 86, 195



Deuteranomaly

45, 89, 180



Tritanomaly

114, 86, 132

Monochromacy



Original Color

124, 71, 184



Achromatopsia

100, 100, 100



Achromatomaly

109, 89, 131

CSS Examples

Text

The CSS property to change the color of the text to RGB 124, 71, 184 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, 71, 184)` looks like.

```
.text, #text, p{  
    color:rgb(124, 71, 184)  
}
```

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, 71, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 71, 184) }
```

Border

The CSS property to change the border of an element to RGB 124, 71, 184 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, 71, 184) }
```

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

```
.border{ border-color:rgb(124, 71, 184) }
```

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

Here you see how a box with a 4 pixel rgb(124, 71, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 71, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 71, 184);  
box-shadow:4px 4px 4px 4px rgb(124, 71,  
184) }
```

Background

The CSS property to change the background color of an element to RGB 124, 71, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 71, 184) }
```

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

```
.background{ background-color: rgb(124, 71,  
184) }
```

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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