

Converting Colors

RGB(127, 103, 255)

Have a look what the booklet for
RGB(127, 103, 255) contains.

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Color

RGB(127, 103, 255)

Conversions

Conversions Part 1

Format	Color
Hex	7F67FF
RGB	127, 103, 255
RGB Percent	50%, 40%, 100%
CMY	0.5020, 0.5961, 0.0000
CMYK	0.50, 0.60, 0.00, 0.00
HSL	249°, 100%, 70%
HSV	249°, 60%, 100%
XYZ	31.6526, 21.4325, 97.0764
YIQ	127.5040, -34.4880, 52.3600

Conversions

Conversions Part 2

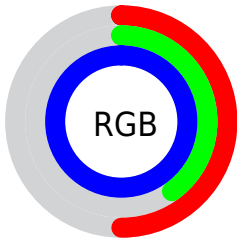
Format	Color
RYB	127, 103, 255
Decimal	8349695
CIELab	53.42, 47.35, -72.80
CIELCh	53, 86.847, 303.039
Yxy	21.4325, 0.2108, 0.1427
Android (android.graphics.Color)	4286539775 (0xFF7F67FF)
YUV	127.5040, 62.8555, -0.4420
Hunter-Lab	46.2953, 41.0259, -91.9183

Details

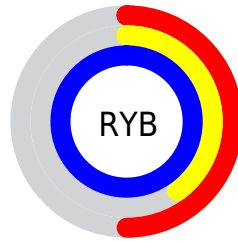
The RGB color **127, 103, 255** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **231, 255, 103**, and the grayscale version is **127, 127, 127**.

A 20% lighter version of the original color is **187, 155, 255**, and **62, 54, 197** is the 20% darker color. If you saturate the color by 10%, you get **106, 78, 255**, and if you desaturate by 10%, it is **148, 129, 255**.

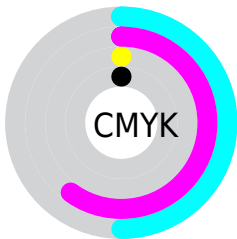
Distribution



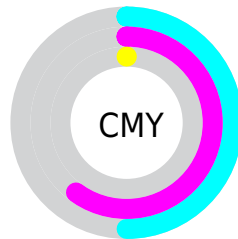
- Red (50%)
- Green (40%)
- Blue (100%)



- Red (50%)
- Yellow (40%)
- Blue (100%)



- Cyan (50%)
- Magenta (60%)
- Yellow (0%)
- Black (0%)



- Cyan (50%)
- Magenta (60%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 127, 103, 255 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 127, 103, 255 by changing the saturation by 10% instead.

 127, 103, 255


255, 255, 255

 187, 155, 255

 218, 182, 255


 248, 210, 255


 255, 239, 255


 127, 103, 255

 96, 78, 226

 62, 54, 197

 10, 31, 169

 0, 8, 142

 0, 0, 115

 0, 0, 90

 0, 7, 65

 0, 3, 42

 0, 1, 20

■ 127, 103, 255

■ 127, 103, 255

■ 106, 78, 255

■ 148, 129, 255

■ 84, 52, 255

■ 170, 154, 255

■ 63, 26, 255

■ 191, 179, 255

■ 41, 1, 255

■ 213, 205, 255

■ 40, 0, 255

■ 234, 231, 255

255, 255, 255

Harmonies

Analogous

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



0, 136, 255



127, 103, 255



220, 49, 197

Triad

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



127, 103, 255



207, 96, 0



0, 158, 134

Complementary

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



127, 103, 255



231, 255, 103

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, 154, 53



127, 103, 255



149, 127, 0

Square

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



127, 103, 255



245, 44, 51



68, 145, 0



0, 158, 208

Rectangle

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



127, 103, 255



247, 0, 148



68, 145, 0



0, 157, 107

Sweetspot

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



127, 103, 255



216, 209, 255



103, 232, 255



104, 99, 128



0, 0, 0



128, 128, 128

Same Dimension

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



127, 103, 255



100, 71, 255



202, 103, 255



117, 115, 128



30, 0, 191



10, 0, 64

Inverse Universe

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



255, 103, 231



255, 71, 226



156, 255, 103



128, 115, 125



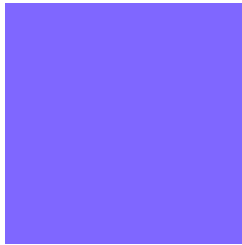
191, 0, 161



64, 0, 54

Previews

White Background



This preview shows how the RGB color 127, 103, 255 looks on a white background.

Color Contrast Check

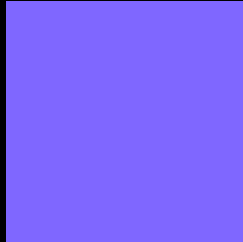
Large Text (above 18pt) WCAG AA ✓ Pass

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 127, 103, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

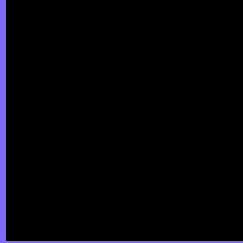
Any Text WCAG AA ✓ Pass

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 127, 103, 255 Background



This preview shows how black text looks on a background with the RGB color 127, 103, 255.

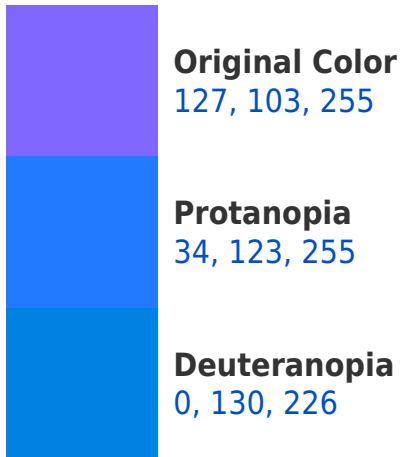


This preview shows how white text looks on a background with the RGB color 127, 103, 255.

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

94, 134, 144

Trichromacy



Original Color

127, 103, 255



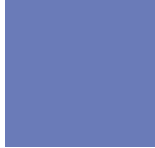
Protanomaly

68, 116, 255



Deuteranomaly

46, 120, 237



Tritanomaly

106, 123, 184

Monochromacy



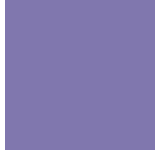
Original Color

127, 103, 255



Achromatopsia

128, 128, 128



Achromatomaly

128, 119, 174

CSS Examples

Text

The CSS property to change the color of the text to RGB 127, 103, 255 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(127, 103, 255)` looks like.

```
.text, #text, p{  
    color:rgb(127, 103, 255)  
}
```

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(127, 103, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 103, 255) }
```

Border

The CSS property to change the border of an element to RGB 127, 103, 255 is called "border". The border property can be set on classes, ids or directly on the HTML element.

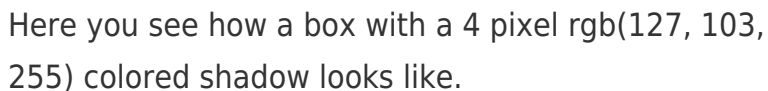
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(127, 103, 255) }
```

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

```
.border{ border-color:rgb(127, 103, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(127, 103, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 103, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 103, 255); box-shadow:4px 4px 4px 4px rgb(127, 103, 255) }
```

Background

The CSS property to change the background color of an element to RGB 127, 103, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 103, 255) }
```

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

```
.background{ background-color: rgb(127,  
103, 255) }
```

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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