

Converting Colors

RGB(127, 107, 225)

Have a look what the booklet for
RGB(127, 107, 225) contains.

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Color

RGB(127, 107, 225)

Conversions

Conversions Part 1

Format	Color
Hex	7F6BE1
RGB	127, 107, 225
RGB Percent	50%, 42%, 88%
CMY	0.5020, 0.5804, 0.1176
CMYK	0.44, 0.52, 0.00, 0.12
HSL	250°, 66%, 65%
HSV	250°, 52%, 88%
XYZ	27.6007, 20.4637, 73.7293
YIQ	126.4320, -25.9580, 40.9380

Conversions

Conversions Part 2

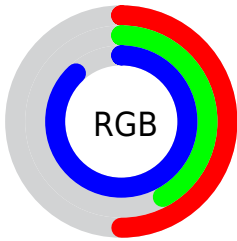
Format	Color
RYB	127, 107, 225
Decimal	8350689
CIELab	52.36, 36.46, -57.77
CIELCh	52, 68.312, 302.257
Yxy	20.4637, 0.2266, 0.1680
Android (android.graphics.Color)	4286540769 (0xFF7F6BE1)
YUV	126.4320, 48.5940, 0.4981
Hunter-Lab	45.2368, 29.7454, -64.9683

Details

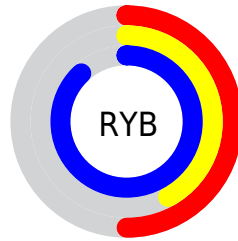
The RGB color **127, 107, 225** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **205, 225, 107**, and the grayscale version is **126, 126, 126**.

A 20% lighter version of the original color is **184, 159, 255**, and **69, 59, 169** is the 20% darker color. If you saturate the color by 10%, you get **108, 85, 225**, and if you desaturate by 10%, it is **146, 130, 225**.

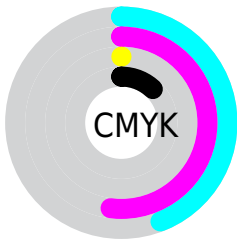
Distribution



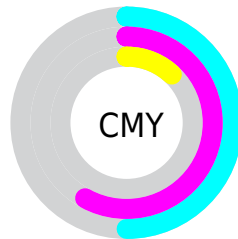
- Red (50%)
- Green (42%)
- Blue (88%)



- Red (50%)
- Yellow (42%)
- Blue (88%)



- Cyan (44%)
- Magenta (52%)
- Yellow (0%)
- Black (12%)



- Cyan (50%)
- Magenta (58%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RGB color 127, 107, 225 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, 107, 225 by changing the saturation by 10% instead.

 127, 107, 225

255, 255, 255

 184, 159, 255

 214, 186, 255

 243, 214, 255


 255, 242, 255

 127, 107, 225

 98, 82, 197

 69, 59, 169

 36, 36, 142

 0, 15, 116


 0, 0, 90

 0, 4, 66


 0, 3, 43

 0, 1, 21


 0, 0, 0


 127, 107, 225

 127, 107, 225

 108, 85, 225


 146, 130, 225

 90, 62, 225

 164, 152, 225

 71, 40, 225

 183, 175, 225

 52, 17, 225

 202, 197, 225

 38, 0, 225

 220, 220, 225

 239, 242, 225

 255, 255, 225

Harmonies

Analogous

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



0, 131, 243



127, 107, 225



197, 76, 181

Triad

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



127, 107, 225



192, 100, 1



0, 151, 128

Complementary

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



127, 107, 225



205, 225, 107

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, 147, 67



127, 107, 225



147, 124, 0

Square

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



127, 107, 225



222, 72, 66



87, 139, 0



0, 150, 186

Rectangle

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



127, 107, 225



220, 60, 143



87, 139, 0



0, 150, 107

Sweetspot

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



127, 107, 225



221, 214, 255



107, 205, 225



107, 103, 128



0, 0, 0



128, 128, 128

Same Dimension

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



127, 107, 225



122, 94, 255



186, 107, 225



103, 101, 112



30, 0, 176



8, 0, 48

Inverse Universe

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



225, 107, 205



255, 94, 228



146, 225, 107



112, 101, 110



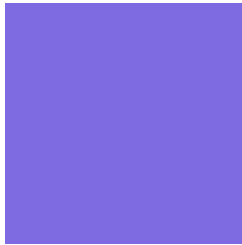
176, 0, 146



48, 0, 40

Previews

White Background



This preview shows how the RGB color 127, 107, 225 looks on a white background.

Color Contrast Check

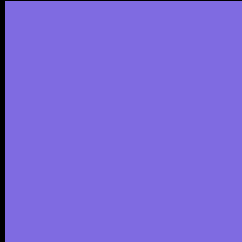
Large Text (above 18pt) WCAG AA ✓ Pass

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, 107, 225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

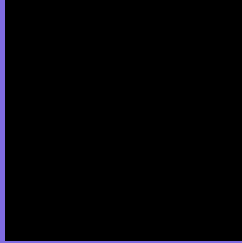
Any Text WCAG AA ✓ Pass

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, 107, 225 Background



This preview shows how black text looks on a background with the RGB color 127, 107, 225.

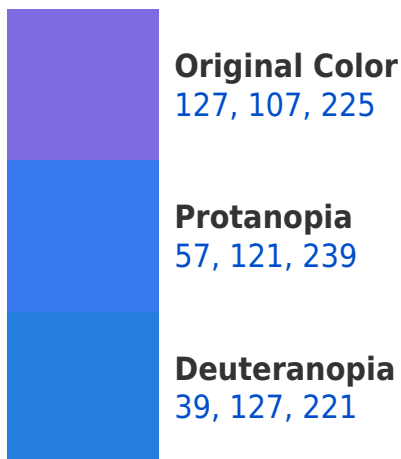


This preview shows how white text looks on a background with the RGB color 127, 107, 225.

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](#).

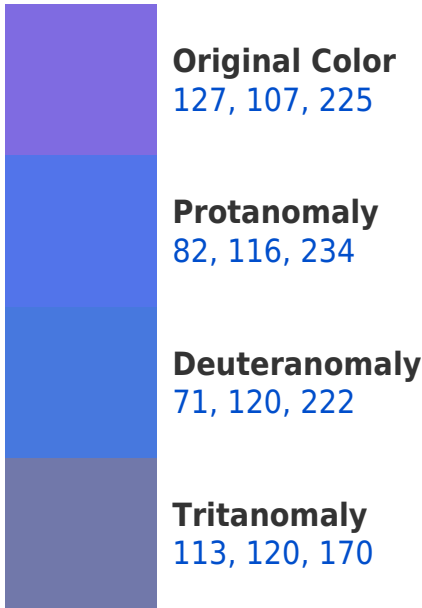
Dichromacy



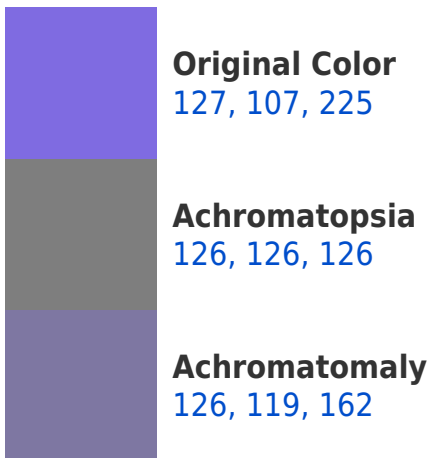


Tritanopia
105, 128, 139

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 127, 107, 225 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, 107, 225)` looks like.

```
.text, #text, p{  
    color:rgb(127, 107, 225)  
}
```

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, 107, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 107, 225) }
```

Border

The CSS property to change the border of an element to RGB 127, 107, 225 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, 107, 225) }
```

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

```
.border{ border-color:rgb(127, 107, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 107, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 107, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 107, 225);  
box-shadow:4px 4px 4px 4px rgb(127, 107,  
225) }
```

Background

The CSS property to change the background color of an element to RGB 127, 107, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 107, 225) }
```

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

```
.background{ background-color: rgb(127,  
107, 225) }
```

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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