

Converting Colors

RGB(127, 106, 201)

Have a look what the booklet for
RGB(127, 106, 201) contains.

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Color

RGB(127, 106, 201)

Conversions

Conversions Part 1

Format	Color
Hex	7F6AC9
RGB	127, 106, 201
RGB Percent	50%, 42%, 79%
CMY	0.5020, 0.5843, 0.2118
CMYK	0.37, 0.47, 0.00, 0.21
HSL	253°, 47%, 60%
HSV	253°, 47%, 79%
XYZ	24.4490, 19.0371, 57.6443
YIQ	123.1090, -17.9790, 33.9970

Conversions

Conversions Part 2

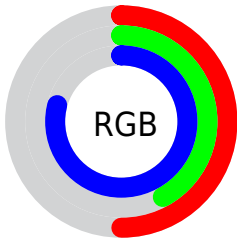
Format	Color
R_{YB}	127, 106, 201
Decimal	8350409
CIE _{Lab}	50.73, 30.36, -46.74
CIE _{LCh}	51, 55.734, 303.002
Yxy	19.0371, 0.2418, 0.1882
Android (android.graphics.Color)	4286540489 (0xFF7F6AC9)
YUV	123.1090, 38.4003, 3.4124
Hunter-Lab	43.6316, 23.6676, -47.7895

Details

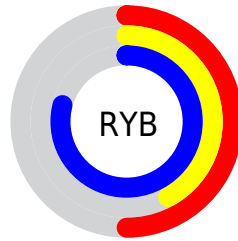
The RGB color **127, 106, 201** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **180, 201, 106**, and the grayscale version is **123, 123, 123**.

A 20% lighter version of the original color is **183, 158, 255**, and **73, 58, 146** is the 20% darker color. If you saturate the color by 10%, you get **111, 86, 201**, and if you desaturate by 10%, it is **143, 126, 201**.

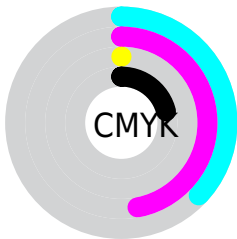
Distribution



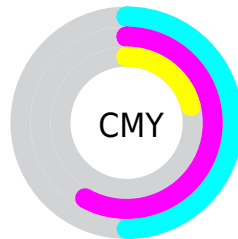
- Red (50%)
- Green (42%)
- Blue (79%)



- Red (50%)
- Yellow (42%)
- Blue (79%)



- Cyan (37%)
- Magenta (47%)
- Yellow (0%)
- Black (21%)



- Cyan (50%)
- Magenta (58%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RGB color 127, 106, 201 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, 106, 201 by changing the saturation by 10% instead.

 127, 106, 201


 127, 106, 201

255, 255, 255

 100, 82, 173

 183, 158, 255

 73, 58, 146

 211, 185, 255

 45, 36, 120

 240, 212, 255

 10, 15, 95

 255, 241, 255


 0, 0, 71

 0, 4, 47

 0, 1, 25

 0, 0, 0

 127, 106, 201

 127, 106, 201

■ 111, 86, 201

■ 143, 126, 201

■ 96, 66, 201

■ 158, 146, 201

■ 80, 46, 201

■ 174, 166, 201

■ 64, 26, 201

■ 190, 186, 201

■ 49, 6, 201

■ 205, 207, 201

■ 44, 0, 201

■ 221, 227, 201

■ 237, 247, 201

■ 252, 255, 201

■ 255, 255, 201

Harmonies

Analogous

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



0, 125, 216



127, 106, 201



182, 85, 165

Triad

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



127, 106, 201



178, 102, 32



0, 143, 124

Complementary

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



127, 106, 201



180, 201, 106

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, 140, 75



127, 106, 201



140, 120, 4

Square

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



127, 106, 201



201, 82, 72



91, 133, 32



0, 142, 171

Rectangle

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



127, 106, 201



200, 75, 134



91, 133, 32



0, 142, 108

Sweetspot

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



127, 106, 201



227, 219, 255



106, 180, 201



111, 106, 128



0, 0, 0



128, 128, 128

Same Dimension

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



127, 106, 201



142, 110, 255



174, 106, 201



92, 90, 99



36, 0, 163



8, 0, 36

Inverse Universe

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



201, 106, 180



255, 110, 223



133, 201, 106



99, 90, 97



163, 0, 127



36, 0, 28

Previews

White Background



This preview shows how the RGB color 127, 106, 201 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, 106, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

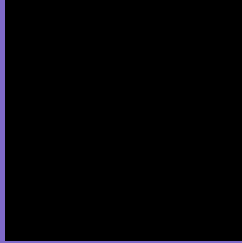
Any Text WCAG AA ✓ Pass

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, 106, 201 Background



This preview shows how black text looks on a background with the RGB color 127, 106, 201.

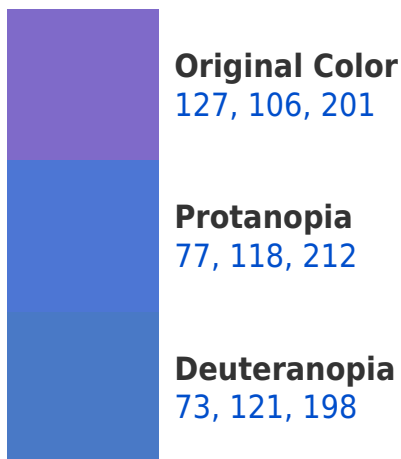


This preview shows how white text looks on a background with the RGB color 127, 106, 201.

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
112, 122, 132

Trichromacy



Original Color
127, 106, 201

Protanomaly
95, 114, 208

Deuteranomaly
93, 116, 199

Tritanomaly
117, 116, 157

Monochromacy



Original Color
127, 106, 201

Achromatopsia
123, 123, 123

Achromatomaly
124, 117, 151

CSS Examples

Text

The CSS property to change the color of the text to RGB 127, 106, 201 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, 106, 201)` looks like.

```
.text, #text, p{  
    color:rgb(127, 106, 201)  
}
```

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, 106, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 106, 201) }
```

Border

The CSS property to change the border of an element to RGB 127, 106, 201 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, 106, 201) }
```

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

```
.border{ border-color:rgb(127, 106, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 106, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 106, 201); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 106, 201); box-shadow:4px 4px 4px 4px rgb(127, 106, 201) }
```

Background

The CSS property to change the background color of an element to RGB 127, 106, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 106, 201) }
```

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

```
.background{ background-color: rgb(127,  
106, 201) }
```

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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