

Converting Colors

RGB(128, 106, 255)

Have a look what the booklet for
RGB(128, 106, 255) contains.

RGB(128, 106, 255)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(128, 106, 255)

Conversions

Conversions Part 1

Format	Color
Hex	806AFF
RGB	128, 106, 255
RGB Percent	50%, 42%, 100%
CMY	0.4980, 0.5843, 0.0000
CMYK	0.50, 0.58, 0.00, 0.00
HSL	249°, 100%, 71%
HSV	249°, 58%, 100%
XYZ	32.1061, 22.1173, 97.1846
YIQ	129.5640, -34.7170, 51.0030

Conversions

Conversions Part 2

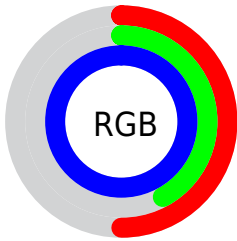
Format	Color
RYB	128, 106, 255
Decimal	8415999
CIELab	54.15, 45.84, -71.61
CIELCh	54, 85.031, 302.625
Yxy	22.1173, 0.2121, 0.1461
Android (android.graphics.Color)	4286606079 (0xFF806AFF)
YUV	129.5640, 61.8399, -1.3716
Hunter-Lab	47.0290, 39.5590, -89.6015

Details

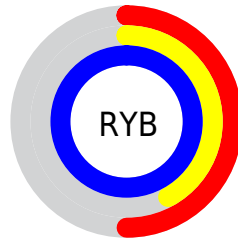
The RGB color `128, 106, 255` is a light color, and the websafe version is hex `6666FF`. A complement of this color would be `233, 255, 106`, and the grayscale version is `129, 129, 129`.

A 20% lighter version of the original color is `188, 158, 255`, and `64, 57, 197` is the 20% darker color. If you saturate the color by 10%, you get `106, 81, 255`, and if you desaturate by 10%, it is `150, 132, 255`.

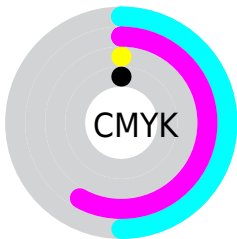
Distribution



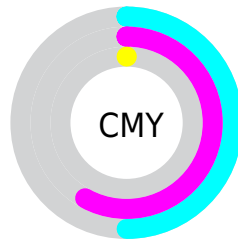
- Red (50%)
- Green (42%)
- Blue (100%)



- Red (50%)
- Yellow (42%)
- Blue (100%)



- Cyan (50%)
- Magenta (58%)
- Yellow (0%)
- Black (0%)



- Cyan (50%)
- Magenta (58%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 128, 106, 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 128, 106, 255 by changing the saturation by 10% instead.

 128, 106, 255


255, 255, 255

 188, 158, 255

 218, 185, 255


 249, 213, 255


 255, 242, 255


 128, 106, 255

 97, 81, 226

 64, 57, 197

 16, 34, 169

 0, 12, 142

 0, 0, 116

 0, 0, 90

 0, 7, 65

 0, 3, 42

 0, 1, 21

■ 128, 106, 255

■ 128, 106, 255

■ 106, 81, 255

■ 150, 132, 255

■ 85, 55, 255

■ 171, 157, 255

■ 63, 30, 255

■ 193, 183, 255

■ 41, 4, 255

■ 215, 208, 255

■ 38, 0, 255

■ 237, 234, 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, 138, 255



128, 106, 255



219, 57, 198

Triad

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



128, 106, 255



209, 98, 0



0, 160, 134

Complementary

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



128, 106, 255



233, 255, 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, 156, 55



128, 106, 255



152, 129, 0

Square

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



128, 106, 255



246, 50, 55



74, 147, 0



0, 160, 208

Rectangle

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



128, 106, 255



247, 6, 151



74, 147, 0



0, 159, 108

Sweetspot

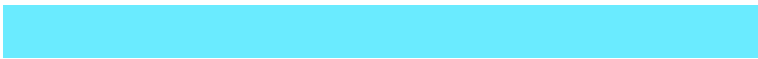
The Sweet Spot groups the original color and five complimentary colors.



128, 106, 255



216, 209, 255



106, 235, 255



104, 99, 128



0, 0, 0



128, 128, 128

Same Dimension

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



128, 106, 255



103, 77, 255



200, 106, 255



117, 115, 128



28, 0, 191



9, 0, 64

Inverse Universe

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



255, 106, 233



255, 77, 229



161, 255, 106



128, 115, 126



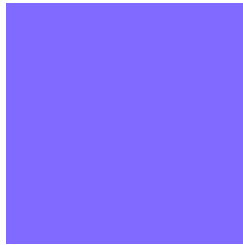
191, 0, 163



64, 0, 54

Previews

White Background



This preview shows how the RGB color 128, 106, 255 looks on a white background.

Color Contrast Check

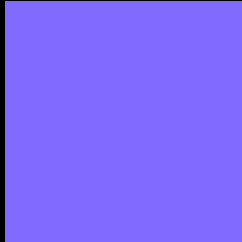
Large Text (above 18pt) WCAG AA ✓ Pass

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 128, 106, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

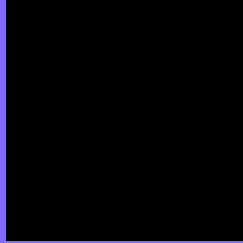
Any Text WCAG AA ✓ Pass

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 128, 106, 255 Background



This preview shows how black text looks on a background with the RGB color 128, 106, 255.

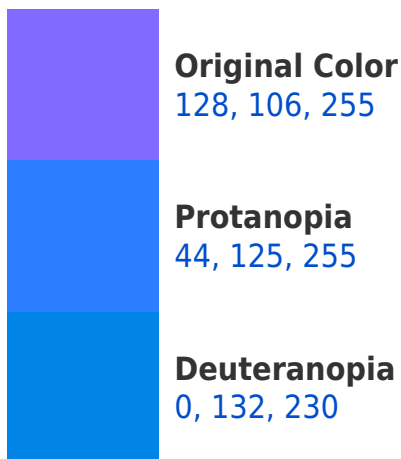


This preview shows how white text looks on a background with the RGB color 128, 106, 255.

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
96, 136, 146

Trichromacy



Original Color

128, 106, 255



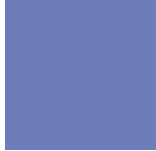
Protanomaly

75, 118, 255



Deuteranomaly

47, 123, 239



Tritanomaly

108, 125, 186

Monochromacy



Original Color

128, 106, 255



Achromatopsia

130, 130, 130



Achromatomaly

129, 121, 175

CSS Examples

Text

The CSS property to change the color of the text to RGB 128, 106, 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(128, 106, 255)` looks like.

```
.text, #text, p{  
    color:rgb(128, 106, 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(128, 106, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 106, 255) }
```

Border

The CSS property to change the border of an element to RGB 128, 106, 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(128, 106, 255) }
```

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

```
.border{ border-color:rgb(128, 106, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 106, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 106, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 106, 255);  
box-shadow:4px 4px 4px 4px rgb(128, 106,  
255) }
```

Background

The CSS property to change the background color of an element to RGB 128, 106, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 106, 255) }
```

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

```
.background{ background-color: rgb(128,  
106, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor