

Converting Colors

RGB(128, 106, 161)

Have a look what the booklet for
RGB(128, 106, 161) contains.

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Color

RGB(128, 106, 161)

Conversions

Conversions Part 1

Format	Color
Hex	806AA1
RGB	128, 106, 161
RGB Percent	50%, 42%, 63%
CMY	0.4980, 0.5843, 0.3686
CMYK	0.20, 0.34, 0.00, 0.37
HSL	264°, 23%, 52%
HSV	264°, 34%, 63%
XYZ	20.4891, 17.4705, 36.0105
YIQ	118.8480, -4.5430, 21.7690

Conversions

Conversions Part 2

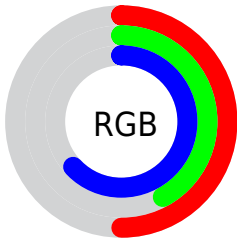
Format	Color
RYB	128, 106, 161
Decimal	8415905
CIELab	48.85, 20.29, -26.50
CIELCh	49, 33.376, 307.429
Yxy	17.4705, 0.2770, 0.2362
Android (android.graphics.Color)	4286605985 (0xFF806AA1)
YUV	118.8480, 20.7809, 8.0263
Hunter-Lab	41.7977, 14.3544, -21.8224

Details

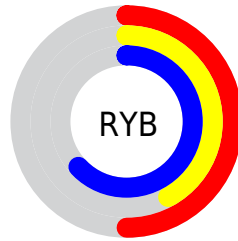
The RGB color **128, 106, 161** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **139, 161, 106**, and the grayscale version is **119, 119, 119**.

A 20% lighter version of the original color is **182, 157, 216**, and **78, 58, 109** is the 20% darker color. If you saturate the color by 10%, you get **118, 90, 161**, and if you desaturate by 10%, it is **138, 122, 161**.

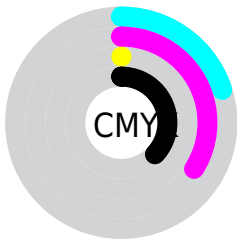
Distribution



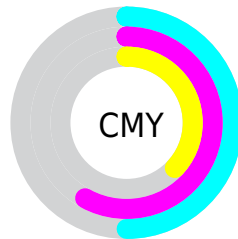
- Red (50%)
- Green (42%)
- Blue (63%)



- Red (50%)
- Yellow (42%)
- Blue (63%)



- Cyan (20%)
- Magenta (34%)
- Yellow (0%)
- Black (37%)



- Cyan (50%)
- Magenta (58%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RGB color 128, 106, 161 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, 161 by changing the saturation by 10% instead.

■ 128, 106, 161

255, 255, 255

■ 182, 157, 216

■ 209, 184, 245

■ 238, 212, 255

■ 255, 241, 255

■ 128, 106, 161

■ 102, 82, 135

■ 78, 58, 109

■ 54, 36, 85

■ 30, 16, 61

■ 8, 0, 39

■ 0, 1, 16

■ 0, 0, 0

■ 128, 106, 161

■ 118, 90, 161

■ 128, 106, 161

■ 138, 122, 161

109, 74, 161

147, 138, 161

99, 58, 161

157, 154, 161

89, 42, 161

167, 170, 161

80, 26, 161

176, 187, 161

70, 9, 161

186, 203, 161

64, 0, 161

196, 219, 161

205, 235, 161

215, 251, 161

Harmonies

Analogous

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



84, 117, 172



128, 106, 161



157, 97, 138

Triad

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



128, 106, 161



151, 107, 64



0, 131, 122

Complementary

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



128, 106, 161



139, 161, 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.



60, 129, 93



128, 106, 161



127, 117, 59

Square

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



128, 106, 161



167, 98, 83



97, 124, 70



0, 130, 150

Rectangle

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



128, 106, 161



167, 93, 120



97, 124, 70



22, 131, 113

Sweetspot

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



128, 106, 161



197, 188, 209



106, 139, 161



97, 92, 105



232, 232, 232



105, 105, 105

Same Dimension

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



128, 106, 161



158, 123, 209



156, 106, 161



77, 73, 82



58, 0, 145



7, 0, 18

Inverse Universe

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



161, 106, 139



209, 123, 175



112, 161, 106



82, 73, 78



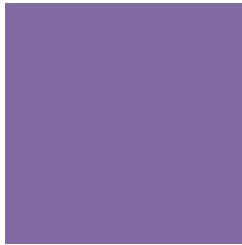
145, 0, 87



18, 0, 11

Previews

White Background



This preview shows how the RGB color 128, 106, 161 looks on a white background.

Color Contrast Check

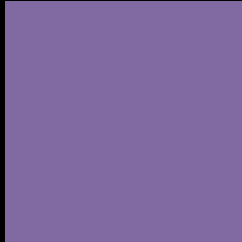
Large Text (above 18pt) WCAG AA ✓ Pass

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 128, 106, 161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

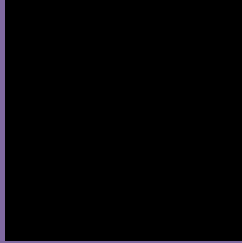
Any Text WCAG AA × Fail

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 128, 106, 161 Background



This preview shows how black text looks on a background with the RGB color 128, 106, 161.



This preview shows how white text looks on a background with the RGB color 128, 106, 161.

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



Original Color

128, 106, 161

Protanopia

99, 114, 168

Deuteranopia

103, 115, 159



Tritanopia
121, 114, 123

Trichromacy



Original Color
128, 106, 161

Protanomaly
110, 111, 165

Deuteranomaly
112, 112, 160

Tritanomaly
124, 111, 137

Monochromacy



Original Color
128, 106, 161

Achromatopsia
119, 119, 119

Achromatomaly
122, 114, 134

CSS Examples

Text

The CSS property to change the color of the text to RGB 128, 106, 161 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, 161)` looks like.

```
.text, #text, p{  
    color:rgb(128, 106, 161)  
}
```

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, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 106, 161) }
```

Border

The CSS property to change the border of an element to RGB 128, 106, 161 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, 161) }
```

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

```
.border{ border-color:rgb(128, 106, 161) }
```

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, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 106, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 106, 161);  
box-shadow:4px 4px 4px 4px rgb(128, 106,  
161) }
```

Background

The CSS property to change the background color of an element to RGB 128, 106, 161 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, 161) }
```

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

```
.background{ background-color: rgb(128,  
106, 161) }
```

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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