

Converting Colors

RGB(166, 128, 224)

Have a look what the booklet for
RGB(166, 128, 224) contains.

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Color

RGB(166, 128, 224)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | A680E0 |
| RGB | 166, 128, 224 |
| RGB Percent | 65%, 50%, 88% |
| CMY | 0.3490, 0.4980, 0.1216 |
| CMYK | 0.26, 0.43, 0.00, 0.12 |
| HSL | 264°, 61%, 69% |
| HSV | 264°, 43%, 88% |
| XYZ | 36.8996, 28.9272, 74.1597 |
| YIQ | 150.3060, -8.1680, 37.9120 |

Conversions

Conversions Part 2

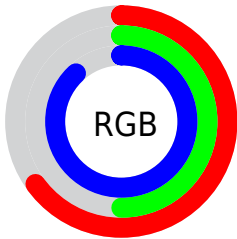
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 166, 128, 224 |
| Decimal | 10911968 |
| CIE _{Lab} | 60.72, 34.07, -43.70 |
| CIE _{LCh} | 61, 55.411, 307.947 |
| Yxy | 28.9272, 0.2636, 0.2066 |
| Android (android.graphics.Color) | 4289102048 (0xFFA680E0) |
| YUV | 150.3060, 36.3311, 13.7636 |
| Hunter-Lab | 53.7840, 28.3417, -44.1029 |

Details

The RGB color **166, 128, 224** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **186, 224, 128**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **223, 181, 255**, and **112, 78, 168** is the 20% darker color. If you saturate the color by 10%, you get **152, 106, 224**, and if you desaturate by 10%, it is **180, 150, 224**.

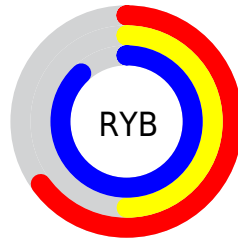
Distribution



Red (65%)

Green (50%)

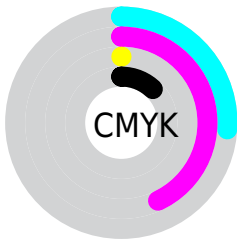
Blue (88%)



Red (65%)

Yellow (50%)

Blue (88%)

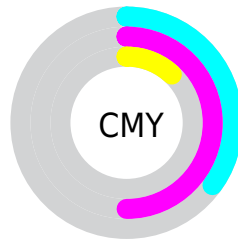


Cyan (26%)

Magenta (43%)

Yellow (0%)

Black (12%)



Cyan (35%)

Magenta (50%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RGB color 166, 128, 224 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 166, 128, 224 by changing the saturation by 10% instead.

 166, 128, 224


255, 255, 255

 223, 181, 255

 252, 209, 255

 255, 238, 255


 166, 128, 224

 138, 103, 196

 112, 78, 168

 85, 54, 141

 59, 31, 115

 31, 8, 90

 8, 0, 66


 0, 3, 43


 0, 1, 21

 0, 0, 0

 166, 128, 224

 166, 128, 224

 152, 106, 224

 180, 150, 224

 139, 83, 224

 193, 173, 224

 125, 61, 224

 207, 195, 224

 112, 38, 224

 220, 218, 224

 98, 16, 224

 234, 240, 224

 89, 0, 224

 247, 255, 224

 255, 255, 224

Harmonies

Analogous

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



72, 148, 243



166, 128, 224



216, 109, 184

Triad

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



166, 128, 224



202, 131, 53



0, 170, 158

Complementary

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



166, 128, 224



186, 224, 128

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, 168, 108



166, 128, 224



161, 148, 41

Square

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



166, 128, 224



229, 112, 89



108, 161, 64



0, 169, 205

Rectangle

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



166, 128, 224



232, 102, 152



108, 161, 64



0, 170, 141

Sweetspot

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



166, 128, 224



235, 222, 255



128, 187, 224



115, 107, 128



0, 0, 0



128, 128, 128

Same Dimension

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



166, 128, 224



176, 125, 255



213, 128, 224



105, 101, 112



70, 0, 176



19, 0, 48

Inverse Universe

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



224, 128, 186



255, 125, 204



139, 224, 128



112, 101, 108



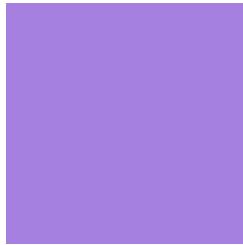
176, 0, 106



48, 0, 29

Previews

White Background



This preview shows how the RGB color 166, 128, 224 looks on a white background.

Color Contrast Check

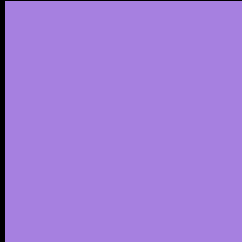
Large Text (above 18pt) WCAG AA ✓ Pass

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 166, 128, 224 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 166, 128, 224 Background



This preview shows how black text looks on a background with the RGB color 166, 128, 224.

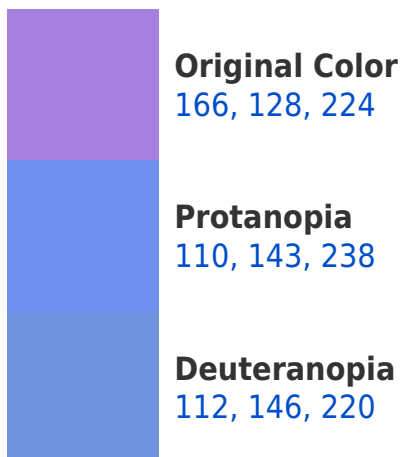


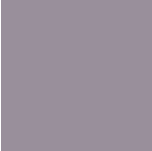
This preview shows how white text looks on a background with the RGB color 166, 128, 224.

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

153, 143, 155

Trichromacy



Original Color
166, 128, 224

Protanomaly
130, 138, 233

Deuteranomaly
132, 139, 221

Tritanomaly
158, 138, 180

Monochromacy



Original Color
166, 128, 224

Achromatopsia
150, 150, 150

Achromatomaly
156, 142, 177

CSS Examples

Text

The CSS property to change the color of the text to RGB 166, 128, 224 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(166, 128, 224)` looks like.

```
.text, #text, p{  
    color:rgb(166, 128, 224)  
}
```

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(166, 128, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 128, 224) }
```

Border

The CSS property to change the border of an element to RGB 166, 128, 224 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(166, 128, 224) }
```

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

```
.border{ border-color:rgb(166, 128, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 128, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 128, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 128, 224);  
box-shadow:4px 4px 4px 4px rgb(166, 128,  
224) }
```

Background

The CSS property to change the background color of an element to RGB 166, 128, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 128, 224) }
```

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

```
.background{ background-color: rgb(166,  
128, 224) }
```

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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