

Converting Colors

RGB(166, 164, 224)

Have a look what the booklet for
RGB(166, 164, 224) contains.

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Color

RGB(166, 164, 224)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | A6A4E0 |
| RGB | 166, 164, 224 |
| RGB Percent | 65%, 64%, 88% |
| CMY | 0.3490, 0.3569, 0.1216 |
| CMYK | 0.26, 0.27, 0.00, 0.12 |
| HSL | 242°, 49%, 76% |
| HSV | 242°, 27%, 88% |
| XYZ | 42.4559, 40.0397, 76.0118 |
| YIQ | 171.4380, -18.0680, 19.0840 |

Conversions

Conversions Part 2

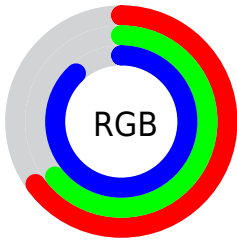
| Format | Color |
|-------------------------------------|--|
| RYB | 166, 164, 224 |
| Decimal | 10921184 |
| CIELab | 69.50, 13.69, -30.01 |
| CIELCh | 69, 32.984, 294.515 |
| Yxy | 40.0397, 0.2678, 0.2526 |
| Android (android.graphics.Color) | 4289111264 (0xFFA6A4E0) |
| YUV | 171.4380, 25.9131, -4.7691 |
| Hunter-Lab | 63.2770, 9.0305, -26.9286 |

Details

The RGB color **166, 164, 224** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **222, 224, 164**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **222, 219, 255**, and **113, 112, 169** is the 20% darker color. If you saturate the color by 10%, you get **144, 142, 224**, and if you desaturate by 10%, it is **188, 186, 224**.

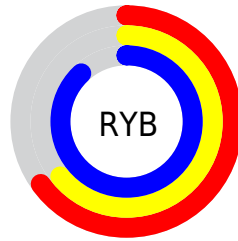
Distribution



Red (65%)

Green (64%)

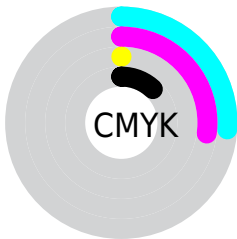
Blue (88%)



Red (65%)

Yellow (64%)

Blue (88%)

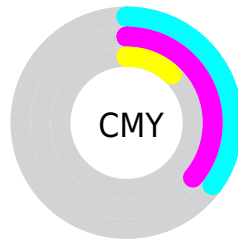


Cyan (26%)

Magenta (27%)

Yellow (0%)

Black (12%)



Cyan (35%)


Magenta (36%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RGB color 166, 164, 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, 164, 224 by changing the saturation by 10% instead.

 166, 164, 224

255, 255, 255

 222, 219, 255

 251, 247, 255

 166, 164, 224

 139, 138, 196

 113, 112, 169

 87, 88, 142

 62, 65, 116

 37, 43, 91

 9, 23, 67

 0, 0, 45

 0, 1, 23

 0, 0, 0

 166, 164, 224


 166, 164, 224

 144, 142, 224

 188, 186, 224

 123, 119, 224

 209, 209, 224

 101, 97, 224

 231, 231, 224


 79, 74, 224

 253, 254, 224

 58, 52, 224

 255, 255, 224

 36, 30, 224

 14, 7, 224

 7, 0, 224

Harmonies

Analogous

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



120, 174, 229



166, 164, 224



203, 154, 205

Triad

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



166, 164, 224



218, 156, 122



94, 186, 163

Complementary

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



166, 164, 224



222, 224, 164

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.



130, 182, 134



166, 164, 224



195, 166, 110

Square

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



166, 164, 224



229, 148, 146



165, 175, 115



67, 186, 193

Rectangle

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



166, 164, 224



219, 149, 186



165, 175, 115



106, 185, 153

Sweetspot

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



166, 164, 224



235, 235, 255



164, 222, 224



115, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



166, 164, 224



176, 173, 255



196, 164, 224



101, 101, 112



6, 0, 176



2, 0, 48

Inverse Universe

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



224, 164, 222



255, 173, 252



192, 224, 164



112, 101, 112



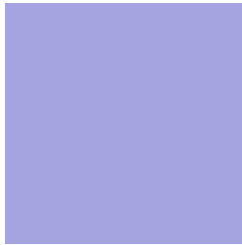
176, 0, 170



48, 0, 47

Previews

White Background



This preview shows how the RGB color 166, 164, 224 looks on a white background.

Color Contrast Check

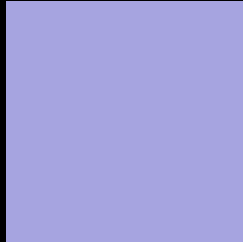
Large Text (above 18pt) WCAG AA × Fail

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, 164, 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 166, 164, 224 Background



This preview shows how black text looks on a background with the RGB color 166, 164, 224.



This preview shows how white text looks on a background with the RGB color 166, 164, 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



Original Color

166, 164, 224

Protanopia

153, 168, 227

Deuteranopia

157, 167, 223



Tritanopia
158, 171, 185

Trichromacy



Original Color
166, 164, 224

Protanomaly
158, 167, 226

Deuteranomaly
160, 166, 223

Tritanomaly
161, 168, 199

Monochromacy



Original Color
166, 164, 224

Achromatopsia
171, 171, 171

Achromatomaly
169, 168, 190

CSS Examples

Text

The CSS property to change the color of the text to RGB 166, 164, 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, 164, 224)` looks like.

```
.text, #text, p{  
    color:rgb(166, 164, 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, 164, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 164, 224) }
```

Border

The CSS property to change the border of an element to RGB 166, 164, 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, 164, 224) }
```

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

```
.border{ border-color:rgb(166, 164, 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, 164, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 164, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 164, 224);  
box-shadow:4px 4px 4px 4px rgb(166, 164,  
224) }
```

Background

The CSS property to change the background color of an element to RGB 166, 164, 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, 164, 224) }
```

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

```
.background{ background-color: rgb(166,  
164, 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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