

Converting Colors

RGB(164, 104, 222)

Have a look what the booklet for
RGB(164, 104, 222) contains.

RGB(164, 104, 222)	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(164, 104, 222)

Conversions

Conversions Part 1

Format	Color
Hex	A468DE
RGB	164, 104, 222
RGB Percent	64%, 41%, 87%
CMY	0.3569, 0.5922, 0.1294
CMYK	0.26, 0.53, 0.00, 0.13
HSL	271°, 64%, 64%
HSV	271°, 53%, 87%
XYZ	33.4450, 23.0671, 71.7969
YIQ	135.3920, -2.1180, 49.4180

Conversions

Conversions Part 2

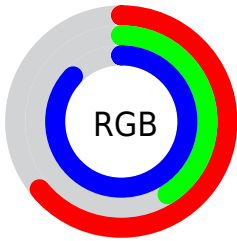
Format	Color
RYB	164, 104, 222
Decimal	10774750
CIELab	55.14, 46.35, -51.42
CIELCh	55, 69.228, 312.031
Yxy	23.0671, 0.2607, 0.1798
Android (android.graphics.Color)	4288964830 (0xFFA468DE)
YUV	135.3920, 42.6977, 25.0892
Hunter-Lab	48.0282, 40.2512, -55.0123

Details

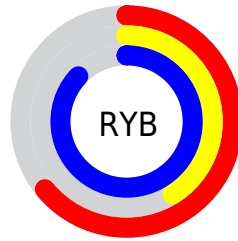
The RGB color **164, 104, 222** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **162, 222, 104**, and the grayscale version is **135, 135, 135**.

A 20% lighter version of the original color is **221, 157, 255**, and **109, 53, 166** is the 20% darker color. If you saturate the color by 10%, you get **153, 82, 222**, and if you desaturate by 10%, it is **175, 126, 222**.

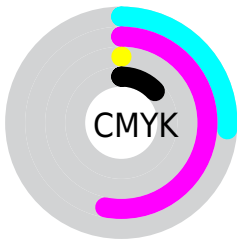
Distribution



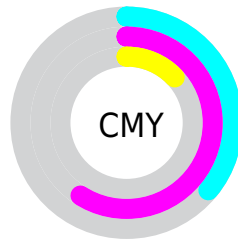
- Red (64%)
- Green (41%)
- Blue (87%)



- Red (64%)
- Yellow (41%)
- Blue (87%)



- Cyan (26%)
- Magenta (53%)
- Yellow (0%)
- Black (13%)




- Cyan (36%)
- Magenta (59%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the RGB color 164, 104, 222 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 164, 104, 222 by changing the saturation by 10% instead.

 164, 104, 222

255, 255, 255


 221, 157, 255

 251, 184, 255

 255, 213, 255

 255, 241, 255

 164, 104, 222

 136, 79, 194

 109, 53, 166

 81, 28, 139

 54, 0, 113


 24, 0, 88

 0, 0, 64


 0, 3, 41

 0, 1, 19


 0, 0, 0

 164, 104, 222


 164, 104, 222

 153, 82, 222


 175, 126, 222

 142, 60, 222


 186, 148, 222

 131, 37, 222

 197, 171, 222

 120, 15, 222

 208, 193, 222

 113, 0, 222

 219, 215, 222

 229, 237, 222

 240, 255, 222

 251, 255, 222

 255, 255, 222

Harmonies

Analogous

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



0, 131, 250



164, 104, 222



220, 74, 170

Triad

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



164, 104, 222



188, 116, 0



0, 159, 155

Complementary

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



164, 104, 222



162, 222, 104

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, 157, 93



164, 104, 222



137, 137, 0

Square

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



164, 104, 222



224, 88, 54



67, 150, 29



0, 157, 211

Rectangle

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



164, 104, 222



236, 64, 131



67, 150, 29



0, 159, 135

Sweetspot

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



164, 104, 222



235, 214, 255



104, 163, 222



116, 103, 128



0, 0, 0



128, 128, 128

Same Dimension

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



164, 104, 222



175, 92, 255



222, 104, 222



107, 101, 112



89, 0, 176



25, 0, 48

Inverse Universe

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



222, 104, 162



255, 92, 172



104, 222, 104



112, 101, 106



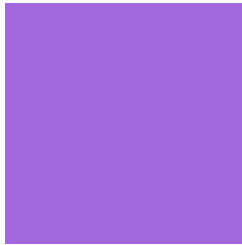
176, 0, 86



48, 0, 24

Previews

White Background



This preview shows how the RGB color 164, 104, 222 looks on a white background.

Color Contrast Check

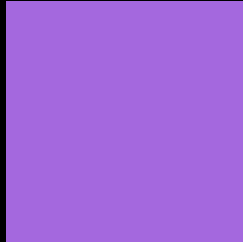
Large Text (above 18pt) WCAG AA ✓ Pass

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 164, 104, 222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

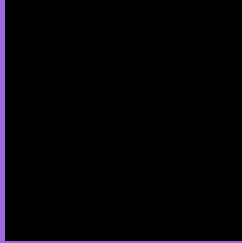
Any Text WCAG AA ✓ Pass

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 164, 104, 222 Background



This preview shows how black text looks on a background with the RGB color 164, 104, 222.

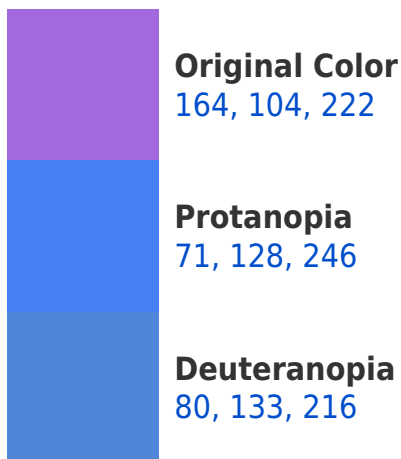


This preview shows how white text looks on a background with the RGB color 164, 104, 222.

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
149, 126, 136

Trichromacy



Original Color

164, 104, 222



Protanomaly

105, 119, 237



Deuteranomaly

111, 122, 218



Tritanomaly

154, 118, 167

Monochromacy



Original Color

164, 104, 222



Achromatopsia

135, 135, 135



Achromatomaly

146, 124, 167

CSS Examples

Text

The CSS property to change the color of the text to RGB 164, 104, 222 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(164, 104, 222)` looks like.

```
.text, #text, p{  
    color:rgb(164, 104, 222)  
}
```

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(164, 104, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 104, 222) }
```

Border

The CSS property to change the border of an element to RGB 164, 104, 222 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(164, 104, 222) }
```

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

```
.border{ border-color:rgb(164, 104, 222) }
```

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

Here you see how a box with a 4 pixel rgb(164, 104, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 104, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 104, 222);  
box-shadow:4px 4px 4px 4px rgb(164, 104,  
222) }
```

Background

The CSS property to change the background color of an element to RGB 164, 104, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 104, 222) }
```

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

```
.background{ background-color: rgb(164,  
104, 222) }
```

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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