

Converting Colors

RGB(163, 112, 197)

Have a look what the booklet for
RGB(163, 112, 197) contains.

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Color

RGB(163, 112, 197)

Conversions

Conversions Part 1

Format	Color
Hex	A370C5
RGB	163, 112, 197
RGB Percent	64%, 44%, 77%
CMY	0.3608, 0.5608, 0.2275
CMYK	0.17, 0.43, 0.00, 0.23
HSL	276°, 42%, 61%
HSV	276°, 43%, 77%
XYZ	30.9765, 23.4061, 55.7085
YIQ	136.9390, 3.1110, 37.2470

Conversions

Conversions Part 2

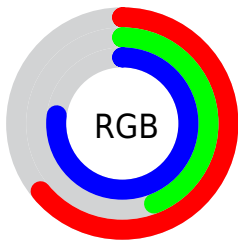
Format	Color
RYB	163, 112, 197
Decimal	10711237
CIELab	55.49, 35.95, -36.71
CIELCh	55, 51.377, 314.402
Yxy	23.4061, 0.2814, 0.2126
Android (android.graphics.Color)	4288901317 (0xFFA370C5)
YUV	136.9390, 29.6101, 22.8555
Hunter-Lab	48.3798, 29.6246, -34.4055

Details

The RGB color **163, 112, 197** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **146, 197, 112**, and the grayscale version is **137, 137, 137**.

A 20% lighter version of the original color is **219, 165, 254**, and **109, 62, 143** is the 20% darker color. If you saturate the color by 10%, you get **155, 92, 197**, and if you desaturate by 10%, it is **171, 132, 197**.

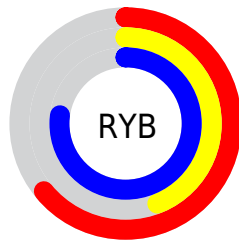
Distribution



Red (64%)

Green (44%)

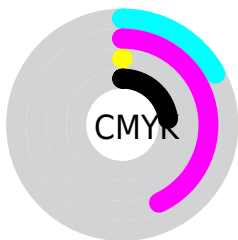
Blue (77%)



Red (64%)

Yellow (44%)

Blue (77%)

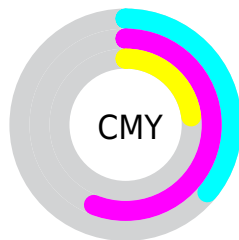


Cyan (17%)

Magenta (43%)

Yellow (0%)

Black (23%)



Cyan (36%)

Magenta (56%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 163, 112, 197 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 163, 112, 197 by changing the saturation by 10% instead.

 163, 112, 197


255, 255, 255

 219, 165, 254

 248, 192, 255

 255, 220, 255


 255, 249, 255

 163, 112, 197

 136, 87, 170

 109, 62, 143

 84, 39, 117

 58, 14, 92


 34, 0, 68

 3, 0, 45


 0, 1, 23

 0, 0, 0

 163, 112, 197

 163, 112, 197

 155, 92, 197


 171, 132, 197

 147, 73, 197


 179, 151, 197

 139, 53, 197


 187, 171, 197

 131, 33, 197

 195, 191, 197

 124, 13, 197

 202, 211, 197

 118, 0, 197

 210, 230, 197

 218, 250, 197

 226, 255, 197

 234, 255, 197

Harmonies

Analogous

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



90, 130, 219



163, 112, 197



202, 96, 158

Triad

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



163, 112, 197



176, 122, 43



0, 155, 154

Complementary

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



163, 112, 197



146, 197, 112

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, 153, 107



163, 112, 197



136, 137, 39

Square

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



163, 112, 197



204, 105, 72



86, 148, 66



0, 152, 194

Rectangle

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



163, 112, 197



213, 92, 128



86, 148, 66



0, 155, 138

Sweetspot

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



163, 112, 197



242, 222, 255



112, 146, 197



119, 107, 128



0, 0, 0



128, 128, 128

Same Dimension

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



163, 112, 197



202, 122, 255



197, 112, 189



95, 90, 99



98, 0, 163



21, 0, 36

Inverse Universe

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



197, 112, 146



255, 122, 175



112, 197, 121



99, 90, 93



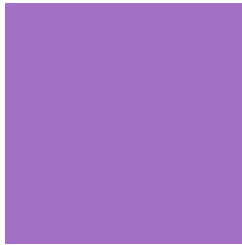
163, 0, 65



36, 0, 14

Previews

White Background



This preview shows how the RGB color 163, 112, 197 looks on a white background.

Color Contrast Check

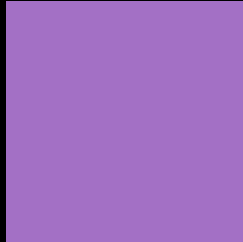
Large Text (above 18pt) WCAG AA ✓ Pass

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 163, 112, 197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

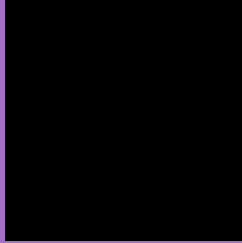
Any Text WCAG AA ✓ Pass

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 163, 112, 197 Background



This preview shows how black text looks on a background with the RGB color 163, 112, 197.

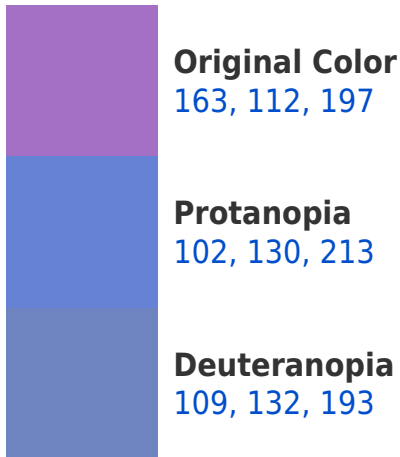



This preview shows how white text looks on a background with the RGB color 163, 112, 197.

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



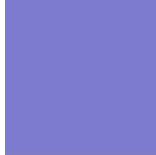


Tritanopia
153, 126, 135

Trichromacy



Original Color
163, 112, 197



Protanomaly
124, 123, 207



Deuteranomaly
129, 125, 194



Tritanomaly
157, 121, 158

Monochromacy



Original Color
163, 112, 197



Achromatopsia
137, 137, 137



Achromatomaly
146, 128, 159

CSS Examples

Text

The CSS property to change the color of the text to RGB 163, 112, 197 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(163, 112, 197)` looks like.

```
.text, #text, p{  
    color:rgb(163, 112, 197)  
}
```

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(163, 112, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 112, 197) }
```

Border

The CSS property to change the border of an element to RGB 163, 112, 197 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(163, 112, 197) }
```

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

```
.border{ border-color:rgb(163, 112, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 112, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 112, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 112, 197);  
box-shadow:4px 4px 4px 4px rgb(163, 112,  
197) }
```

Background

The CSS property to change the background color of an element to RGB 163, 112, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 112, 197) }
```

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

```
.background{ background-color: rgb(163,  
112, 197) }
```

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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