

Converting Colors

RGB(162, 100, 181)

Have a look what the booklet for
RGB(162, 100, 181) contains.

RGB(162, 100, 181)	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(162, 100, 181)

Conversions

Conversions Part 1

Format	Color
Hex	A264B5
RGB	162, 100, 181
RGB Percent	64%, 39%, 71%
CMY	0.3647, 0.6078, 0.2902
CMYK	0.10, 0.45, 0.00, 0.29
HSL	286°, 35%, 55%
HSV	286°, 45%, 71%
XYZ	27.7980, 20.1319, 46.1368
YIQ	127.7720, 10.9510, 38.3350

Conversions

Conversions Part 2

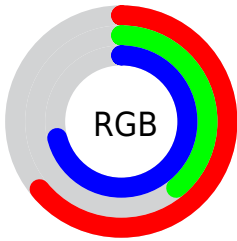
Format	Color
R _Y B	162, 100, 181
Decimal	10642613
CIE Lab	51.99, 38.85, -33.00
CIE LCh	52, 50.973, 319.651
Yxy	20.1319, 0.2955, 0.2140
Android (android.graphics.Color)	4288832693 (0xFFA264B5)
YUV	127.7720, 26.2414, 30.0180
Hunter-Lab	44.8686, 32.0680, -29.5578

Details

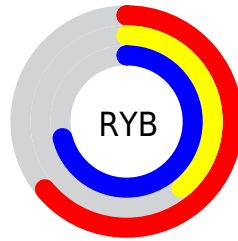
The RGB color **162, 100, 181** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **119, 181, 100**, and the grayscale version is **128, 128, 128**.

A 20% lighter version of the original color is **218, 152, 237**, and **108, 50, 128** is the 20% darker color. If you saturate the color by 10%, you get **158, 82, 181**, and if you desaturate by 10%, it is **166, 118, 181**.

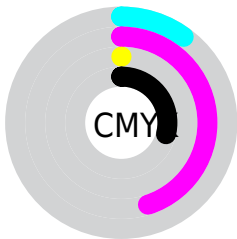
Distribution



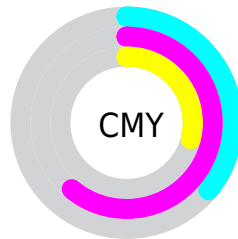
- Red (64%)
- Green (39%)
- Blue (71%)



- Red (64%)
- Yellow (39%)
- Blue (71%)



- Cyan (10%)
- Magenta (45%)
- Yellow (0%)
- Black (29%)



- Cyan (36%)
- Magenta (61%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 162, 100, 181 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 162, 100, 181 by changing the saturation by 10% instead.

 162, 100, 181

255, 255, 255


 218, 152, 237


 247, 180, 255

 255, 208, 255

 255, 236, 255

 162, 100, 181

 135, 75, 154

 108, 50, 128

 83, 25, 102

 58, 0, 78


 36, 0, 55

 0, 0, 32

 0, 0, 5

 0, 0, 0

 162, 100, 181

 162, 100, 181

■ 158, 82, 181

■ 166, 118, 181

■ 154, 64, 181

■ 170, 136, 181

■ 149, 46, 181

■ 175, 154, 181

■ 145, 28, 181

■ 179, 172, 181

■ 141, 9, 181

■ 183, 191, 181

■ 139, 0, 181

■ 187, 209, 181

■ 192, 227, 181

■ 196, 245, 181

■ 200, 255, 181

Harmonies

Analogous

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



97, 119, 206



162, 100, 181



196, 85, 141

Triad

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



162, 100, 181



160, 116, 31



0, 145, 152

Complementary

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



162, 100, 181



119, 181, 100

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, 144, 107



162, 100, 181



119, 130, 33

Square

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



162, 100, 181



190, 99, 58



66, 139, 64



0, 142, 190

Rectangle

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



162, 100, 181



203, 83, 112



66, 139, 64



0, 145, 137

Sweetspot

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



162, 100, 181



227, 204, 235



100, 120, 181



113, 99, 117



245, 245, 245



117, 117, 117

Same Dimension

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



162, 100, 181



205, 108, 235



181, 100, 161



87, 80, 89



117, 0, 153



20, 0, 26

Inverse Universe

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



181, 100, 119



235, 108, 138



100, 181, 120



89, 80, 82



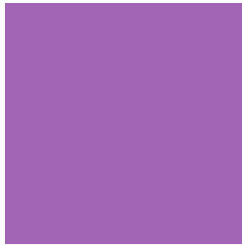
153, 0, 36



26, 0, 6

Previews

White Background



This preview shows how the RGB color 162, 100, 181 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 162, 100, 181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

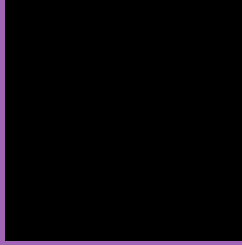
Any Text WCAG AA ✓ Pass

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 162, 100, 181 Background



This preview shows how black text looks on a background with the RGB color 162, 100, 181.

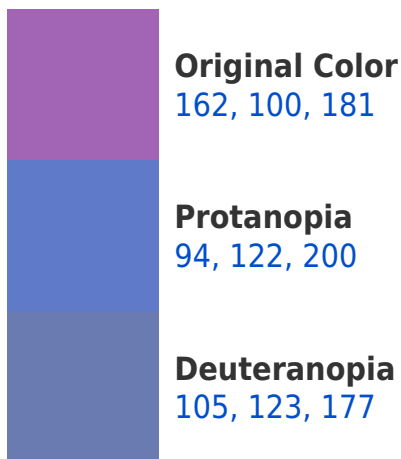



This preview shows how white text looks on a background with the RGB color 162, 100, 181.

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, 113, 122

Trichromacy



Original Color
162, 100, 181

Protanomaly
119, 114, 193

Deuteranomaly
126, 115, 178

Tritanomaly
156, 108, 143

Monochromacy



Original Color
162, 100, 181

Achromatopsia
128, 128, 128

Achromatomaly
140, 118, 147

CSS Examples

Text

The CSS property to change the color of the text to RGB 162, 100, 181 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(162, 100, 181)` looks like.

```
.text, #text, p{  
    color:rgb(162, 100, 181)  
}
```

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(162, 100, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 100, 181) }
```

Border

The CSS property to change the border of an element to RGB 162, 100, 181 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(162, 100, 181) }
```

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

```
.border{ border-color:rgb(162, 100, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 100, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 100, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 100, 181);  
box-shadow:4px 4px 4px 4px rgb(162, 100,  
181) }
```

Background

The CSS property to change the background color of an element to RGB 162, 100, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 100, 181) }
```

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

```
.background{ background-color: rgb(162,  
100, 181) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor