

Converting Colors

RGB(162, 42, 139)

Have a look what the booklet for
RGB(162, 42, 139) contains.

RGB(162, 42, 139)	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, 42, 139)

Conversions

Conversions Part 1

Format	Color
Hex	A22A8B
RGB	162, 42, 139
RGB Percent	64%, 16%, 55%
CMY	0.3647, 0.8353, 0.4549
CMYK	0.00, 0.74, 0.14, 0.36
HSL	312°, 59%, 40%
HSV	312°, 74%, 64%
XYZ	20.3885, 11.2014, 25.5136
YIQ	88.9380, 40.3830, 55.6070

Conversions

Conversions Part 2

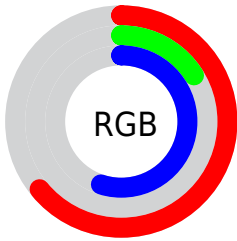
Format	Color
R_{YB}	162, 42, 139
Decimal	10627723
CIE _{Lab}	39.92, 58.28, -26.89
CIE _{LCh}	40, 64.189, 335.232
Yxy	11.2014, 0.3570, 0.1962
Android (android.graphics.Color)	4288817803 (0xFFA22A8B)
YUV	88.9380, 24.6806, 64.0754
Hunter-Lab	33.4685, 50.1695, -21.7698

Details

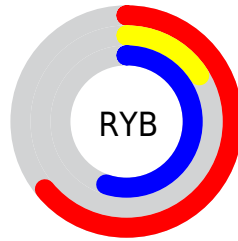
The RGB color **162, 42, 139** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **42, 162, 65**, and the grayscale version is **89, 89, 89**.

A 20% lighter version of the original color is **220, 99, 193**, and **106, 0, 89** is the 20% darker color. If you saturate the color by 10%, you get **162, 26, 136**, and if you desaturate by 10%, it is **162, 58, 142**.

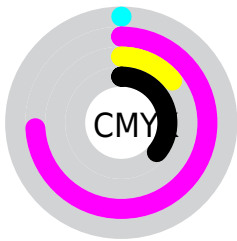
Distribution



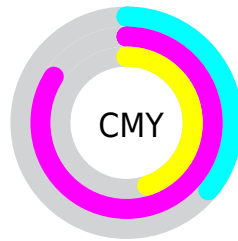
- Red (64%)
- Green (16%)
- Blue (55%)



- Red (64%)
- Yellow (16%)
- Blue (55%)



- Cyan (0%)
- Magenta (74%)
- Yellow (14%)
- Black (36%)



- Cyan (36%)
- Magenta (84%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RGB color 162, 42, 139 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, 42, 139 by changing the saturation by 10% instead.

 162, 42, 139


 162, 42, 139

255, 255, 255

 134, 0, 113

 220, 99, 193

 106, 0, 89

 250, 127, 221

 79, 0, 65

 255, 155, 249

 56, 0, 43

 255, 183, 255

 23, 0, 20

 255, 212, 255

 0, 0, 0

 255, 241, 255

 162, 42, 139

 162, 42, 139

 162, 26, 136

 162, 58, 142

■ 162, 10, 133

■ 162, 74, 145

■ 162, 0, 131

■ 162, 91, 148

■ 162, 107, 151

■ 162, 123, 155

■ 162, 139, 158

■ 162, 155, 161

■ 162, 172, 164

■ 162, 188, 167

Harmonies

Analogous

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



102, 75, 181



162, 42, 139



183, 17, 87

Triad

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



162, 42, 139



107, 95, 0



0, 116, 154

Complementary

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



162, 42, 139



42, 162, 65

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, 116, 102



162, 42, 139



49, 107, 0

Square

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



162, 42, 139



148, 74, 0



0, 114, 47



0, 111, 190

Rectangle

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



162, 42, 139



181, 33, 53



0, 114, 47



0, 116, 138

Sweetspot

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



162, 42, 139



212, 165, 203



64, 42, 162



107, 79, 102



235, 235, 235



107, 107, 107

Same Dimension

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



162, 42, 139



212, 23, 176



162, 42, 80



82, 73, 80



145, 0, 117



18, 0, 14

Inverse Universe

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



162, 42, 139



212, 23, 176



42, 162, 124



82, 73, 80



145, 0, 117



18, 0, 14

Previews

White Background



This preview shows how the RGB color 162, 42, 139 looks on a white 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

Black Background



This preview shows how the RGB color 162, 42, 139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

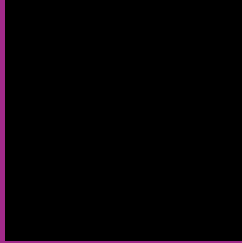
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

RGB 162, 42, 139 Background



This preview shows how black text looks on a background with the RGB color 162, 42, 139.

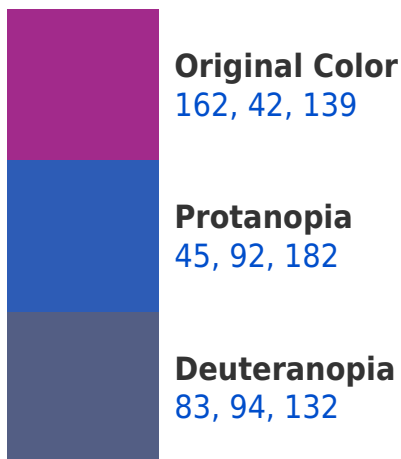


This preview shows how white text looks on a background with the RGB color 162, 42, 139.

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
155, 65, 69

Trichromacy



Original Color

162, 42, 139



Protanomaly

88, 74, 166



Deuteranomaly

112, 75, 135



Tritanomaly

158, 57, 94

Monochromacy



Original Color

162, 42, 139



Achromatopsia

89, 89, 89



Achromatomaly

116, 72, 107

CSS Examples

Text

The CSS property to change the color of the text to RGB 162, 42, 139 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, 42, 139)` looks like.

```
.text, #text, p{  
    color:rgb(162, 42, 139)  
}
```

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, 42, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 42, 139) }
```

Border

The CSS property to change the border of an element to RGB 162, 42, 139 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, 42, 139) }
```

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

```
.border{ border-color:rgb(162, 42, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 42, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 42, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 42, 139);  
box-shadow:4px 4px 4px 4px rgb(162, 42,  
139) }
```

Background

The CSS property to change the background color of an element to RGB 162, 42, 139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 42, 139) }
```

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

```
.background{ background-color: rgb(162, 42,  
139) }
```

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