

Converting Colors

RGB(162, 44, 128)

Have a look what the booklet for
RGB(162, 44, 128) contains.

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Color

RGB(162, 44, 128)

Conversions

Conversions Part 1

Format	Color
Hex	A22C80
RGB	162, 44, 128
RGB Percent	64%, 17%, 50%
CMY	0.3647, 0.8275, 0.4980
CMYK	0.00, 0.73, 0.21, 0.36
HSL	317°, 57%, 40%
HSV	317°, 73%, 64%
XYZ	19.6973, 11.0413, 21.5151
YIQ	88.8580, 43.3640, 51.1400

Conversions

Conversions Part 2

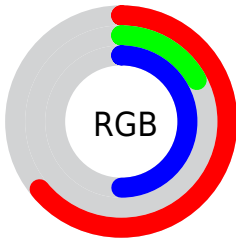
Format	Color
RYB	162, 44, 128
Decimal	10628224
CIELab	39.65, 56.02, -20.54
CIELCh	40, 59.665, 339.861
Yxy	11.0413, 0.3770, 0.2113
Android (android.graphics.Color)	4288818304 (0xFFA22C80)
YUV	88.8580, 19.2970, 64.1455
Hunter-Lab	33.2284, 47.6622, -15.1299

Details

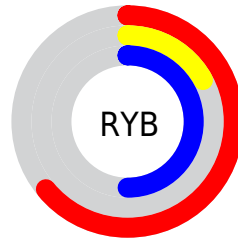
The RGB color **162, 44, 128** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **44, 162, 78**, and the grayscale version is **89, 89, 89**.

A 20% lighter version of the original color is **220, 100, 181**, and **106, 0, 79** is the 20% darker color. If you saturate the color by 10%, you get **162, 28, 123**, and if you desaturate by 10%, it is **162, 60, 133**.

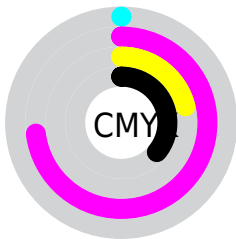
Distribution



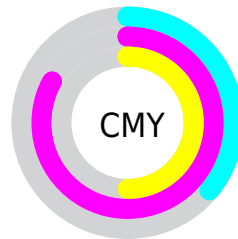
- Red (64%)
- Green (17%)
- Blue (50%)



- Red (64%)
- Yellow (17%)
- Blue (50%)



- Cyan (0%)
- Magenta (73%)
- Yellow (21%)
- Black (36%)



- Cyan (36%)
- Magenta (83%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RGB color 162, 44, 128 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, 44, 128 by changing the saturation by 10% instead.

 162, 44, 128


 162, 44, 128

255, 255, 255

 134, 3, 103

 220, 100, 181

 106, 0, 79

 250, 128, 209

 79, 0, 55

 255, 156, 237

 56, 0, 34

 255, 184, 255

 22, 0, 7

 255, 213, 255

 0, 0, 0

 255, 242, 255

 162, 44, 128

 162, 44, 128

 162, 28, 123

 162, 60, 133

162, 12, 119

162, 76, 137

162, 0, 115

162, 93, 142

162, 109, 147

162, 125, 151

162, 141, 156

162, 157, 161

162, 174, 165

162, 190, 170

Harmonies

Analogous

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



114, 72, 169



162, 44, 128



178, 32, 80

Triad

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



162, 44, 128



99, 96, 0



0, 114, 155

Complementary

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



162, 44, 128



44, 162, 78

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, 115, 109



162, 44, 128



43, 107, 0

Square

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



162, 44, 128



140, 79, 0



0, 113, 58



0, 108, 185

Rectangle

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



162, 44, 128



174, 45, 48



0, 113, 58



0, 114, 141

Sweetspot

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



162, 44, 128



212, 165, 198



77, 44, 162



107, 79, 99



235, 235, 235



107, 107, 107

Same Dimension

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



162, 44, 128



212, 28, 159



162, 44, 70



82, 73, 79



145, 0, 103



18, 0, 13

Inverse Universe

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



162, 44, 128



212, 28, 159



44, 162, 136



82, 73, 79



145, 0, 103



18, 0, 13

Previews

White Background



This preview shows how the RGB color 162, 44, 128 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, 44, 128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

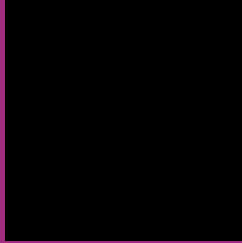
Any Text WCAG AA × Fail

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, 44, 128 Background



This preview shows how black text looks on a background with the RGB color 162, 44, 128.

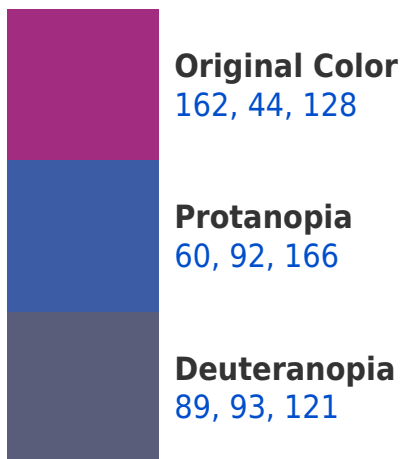


This preview shows how white text looks on a background with the RGB color 162, 44, 128.

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
157, 63, 67

Trichromacy



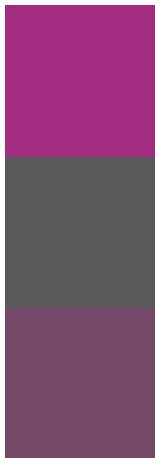
Original Color
162, 44, 128

Protanomaly
97, 75, 152

Deuteranomaly
116, 75, 124

Tritanomaly
159, 56, 89

Monochromacy



Original Color
162, 44, 128

Achromatopsia
89, 89, 89

Achromatomaly
116, 73, 103

CSS Examples

Text

The CSS property to change the color of the text to RGB 162, 44, 128 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, 44, 128)` looks like.

```
.text, #text, p{  
    color:rgb(162, 44, 128)  
}
```

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, 44, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 44, 128) }
```

Border

The CSS property to change the border of an element to RGB 162, 44, 128 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, 44, 128) }
```

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

```
.border{ border-color:rgb(162, 44, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 44, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 44, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 44, 128);  
box-shadow:4px 4px 4px 4px rgb(162, 44,  
128) }
```

Background

The CSS property to change the background color of an element to RGB 162, 44, 128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 44, 128) }
```

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

```
.background{ background-color: rgb(162, 44,  
128) }
```

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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