

Converting Colors

RGB(162, 33, 144)

Have a look what the booklet for
RGB(162, 33, 144) contains.

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Color

RGB(162, 33, 144)

Conversions

Conversions Part 1

Format	Color
Hex	A22190
RGB	162, 33, 144
RGB Percent	64%, 13%, 56%
CMY	0.3647, 0.8706, 0.4353
CMYK	0.00, 0.80, 0.11, 0.36
HSL	308°, 66%, 38%
HSV	308°, 80%, 64%
XYZ	20.4782, 10.7827, 27.3875
YIQ	84.2250, 41.2530, 61.8690

Conversions

Conversions Part 2

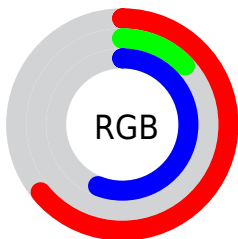
Format	Color
R_{YB}	162, 33, 144
Decimal	10625424
CIE _{Lab}	39.21, 61.76, -31.06
CIE _{LCh}	39, 69.132, 333.306
Yxy	10.7827, 0.3492, 0.1839
Android (android.graphics.Color)	4288815504 (0xFFA22190)
YUV	84.2250, 29.4691, 68.2087
Hunter-Lab	32.8370, 53.8533, -26.4645

Details

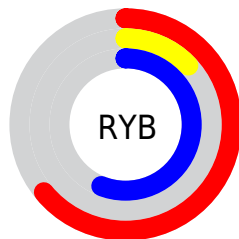
The RGB color **162, 33, 144** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **33, 162, 51**, and the grayscale version is **84, 84, 84**.

A 20% lighter version of the original color is **220, 94, 198**, and **106, 0, 93** is the 20% darker color. If you saturate the color by 10%, you get **162, 17, 142**, and if you desaturate by 10%, it is **162, 49, 146**.

Distribution



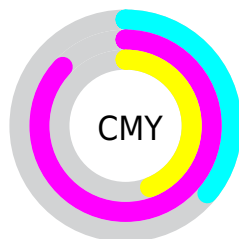
- Red (64%)
- Green (13%)
- Blue (56%)



- Red (64%)
- Yellow (13%)
- Blue (56%)



- Cyan (0%)
- Magenta (80%)
- Yellow (11%)
- Black (36%)



- Cyan (36%)
- Magenta (87%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RGB color 162, 33, 144 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, 33, 144 by changing the saturation by 10% instead.



162, 33, 144



162, 33, 144

255, 255, 255



134, 0, 118



220, 94, 198



106, 0, 93



250, 122, 226



79, 0, 69



255, 150, 255



55, 0, 47



255, 178, 255



21, 0, 24



255, 207, 255



0, 0, 0



255, 236, 255



162, 33, 144



162, 33, 144



162, 17, 142



162, 49, 146

■ 162, 1, 139

■ 162, 65, 149

■ 162, 0, 139

■ 162, 82, 151

■ 162, 98, 153

■ 162, 114, 155

■ 162, 130, 158

■ 162, 146, 160

■ 162, 163, 162

■ 162, 179, 164

Harmonies

Analogous

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



93, 74, 188



162, 33, 144



187, 0, 89

Triad

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



162, 33, 144



108, 92, 0



0, 115, 153

Complementary

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



162, 33, 144



33, 162, 51

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, 97



162, 33, 144



47, 106, 0

Square

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



162, 33, 144



152, 69, 0



0, 112, 37



0, 111, 194

Rectangle

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



162, 33, 144



186, 7, 52



0, 112, 37



0, 116, 136

Sweetspot

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



162, 33, 144



212, 161, 205



50, 33, 162



107, 76, 103



235, 235, 235



107, 107, 107

Same Dimension

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



162, 33, 144



212, 8, 183



162, 33, 80



82, 73, 80



145, 0, 125



18, 0, 15

Inverse Universe

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



162, 33, 144



212, 8, 183



33, 162, 115



82, 73, 80



145, 0, 125



18, 0, 15

Previews

White Background



This preview shows how the RGB color 162, 33, 144 looks on a white background.

Color Contrast Check

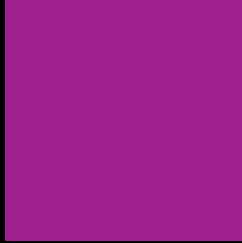
Large Text (above 18pt) WCAG AA ✓ Pass

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, 33, 144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

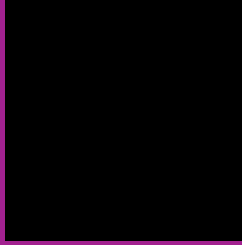
Any Text WCAG AA × Fail

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, 33, 144 Background



This preview shows how black text looks on a background with the RGB color 162, 33, 144.

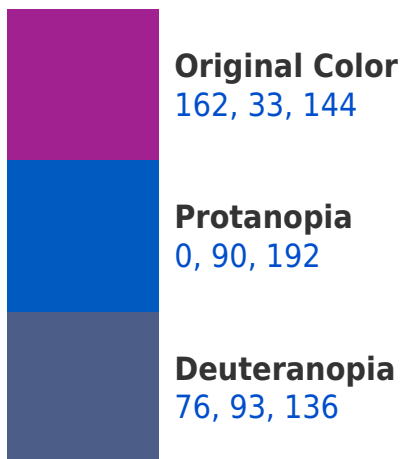


This preview shows how white text looks on a background with the RGB color 162, 33, 144.

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, 63, 67

Trichromacy



Original Color

162, 33, 144



Protanomaly

59, 69, 175



Deuteranomaly

107, 71, 139



Tritanomaly

158, 52, 95

Monochromacy



Original Color

162, 33, 144



Achromatopsia

84, 84, 84



Achromatomaly

112, 65, 106

CSS Examples

Text

The CSS property to change the color of the text to RGB 162, 33, 144 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, 33, 144)` looks like.

```
.text, #text, p{  
    color:rgb(162, 33, 144)  
}
```

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, 33, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 33, 144) }
```

Border

The CSS property to change the border of an element to RGB 162, 33, 144 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, 33, 144) }
```

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

```
.border{ border-color:rgb(162, 33, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 33, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 33, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 33, 144);  
box-shadow:4px 4px 4px 4px rgb(162, 33,  
144) }
```

Background

The CSS property to change the background color of an element to RGB 162, 33, 144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 33, 144) }
```

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

```
.background{ background-color: rgb(162, 33,  
144) }
```

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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