

Converting Colors

RGB(170, 68, 152)

Have a look what the booklet for
RGB(170, 68, 152) contains.

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Color

RGB(170, 68, 152)

Conversions

Conversions Part 1

Format	Color
Hex	AA4498
RGB	170, 68, 152
RGB Percent	67%, 27%, 60%
CMY	0.3333, 0.7333, 0.4039
CMYK	0.00, 0.60, 0.11, 0.33
HSL	311°, 43%, 47%
HSV	311°, 60%, 67%
XYZ	24.3122, 14.9473, 31.3095
YIQ	108.0740, 33.8280, 47.7480

Conversions

Conversions Part 2

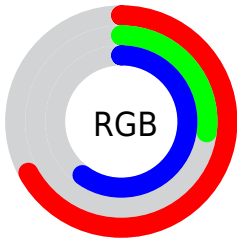
Format	Color
R_{YB}	170, 68, 152
Decimal	11158680
CIE _{Lab}	45.56, 52.04, -25.87
CIE _{LCh}	46, 58.115, 333.570
Yxy	14.9473, 0.3445, 0.2118
Android (android.graphics.Color)	4289348760 (0xFFAA4498)
YUV	108.0740, 21.6555, 54.3091
Hunter-Lab	38.6617, 44.5906, -20.9517

Details

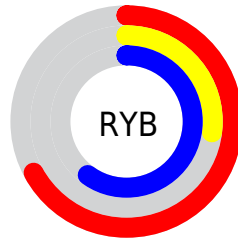
The RGB color **170, 68, 152** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **68, 170, 86**, and the grayscale version is **108, 108, 108**.

A 20% lighter version of the original color is **228, 122, 207**, and **115, 2, 101** is the 20% darker color. If you saturate the color by 10%, you get **170, 51, 149**, and if you desaturate by 10%, it is **170, 85, 155**.

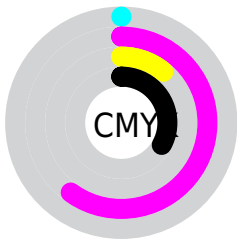
Distribution



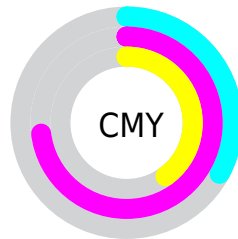
- Red (67%)
- Green (27%)
- Blue (60%)



- Red (67%)
- Yellow (27%)
- Blue (60%)



- Cyan (0%)
- Magenta (60%)
- Yellow (11%)
- Black (33%)




- Cyan (33%)
- Magenta (73%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 170, 68, 152 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 170, 68, 152 by changing the saturation by 10% instead.

 170, 68, 152

255, 255, 255


 228, 122, 207

 255, 149, 235


 255, 177, 255

 255, 205, 255

 255, 234, 255

 170, 68, 152

 142, 40, 126

 115, 2, 101


 88, 0, 76

 62, 0, 53

 38, 0, 32

 0, 0, 2

 0, 0, 0

 170, 68, 152

 170, 51, 149

 170, 68, 152

 170, 85, 155

170, 34, 146

170, 102, 158

170, 17, 143

170, 119, 161

170, 0, 140

170, 136, 164

170, 153, 167

170, 170, 170

170, 187, 173

170, 204, 176

170, 221, 179

Harmonies

Analogous

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



114, 92, 189



170, 68, 152



193, 54, 104

Triad

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



170, 68, 152



125, 108, 0



0, 129, 161

Complementary

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



170, 68, 152



68, 170, 86

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, 130, 112



170, 68, 152



75, 120, 8

Square

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



170, 68, 152



163, 89, 9



0, 127, 62



0, 124, 195

Rectangle

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



170, 68, 152



192, 60, 72



0, 127, 62



0, 130, 145

Sweetspot

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



170, 68, 152



222, 182, 215



85, 68, 170



112, 88, 108



240, 240, 240



112, 112, 112

Same Dimension

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



170, 68, 152



222, 62, 194



170, 68, 102



84, 76, 83



148, 0, 122



20, 0, 17

Inverse Universe

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



170, 68, 152



222, 62, 194



68, 170, 136



84, 76, 83



148, 0, 122



20, 0, 17

Previews

White Background



This preview shows how the RGB color 170, 68, 152 looks on a white background.

Color Contrast Check

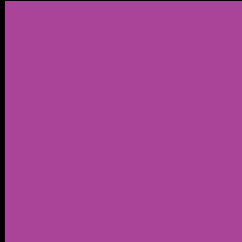
Large Text (above 18pt) WCAG AA ✓ Pass

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 170, 68, 152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

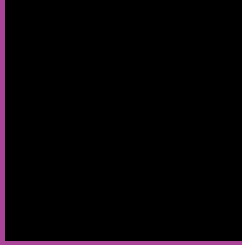
Any Text WCAG AA × Fail

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 170, 68, 152 Background



This preview shows how black text looks on a background with the RGB color 170, 68, 152.

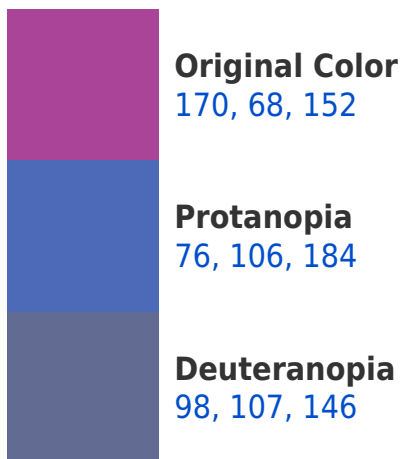


This preview shows how white text looks on a background with the RGB color 170, 68, 152.

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
163, 84, 90

Trichromacy



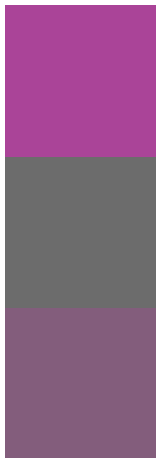
Original Color
170, 68, 152

Protanomaly
110, 92, 172

Deuteranomaly
124, 93, 148

Tritanomaly
166, 78, 113

Monochromacy



Original Color
170, 68, 152

Achromatopsia
108, 108, 108

Achromatomaly
131, 93, 124

CSS Examples

Text

The CSS property to change the color of the text to RGB 170, 68, 152 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(170, 68, 152)` looks like.

```
.text, #text, p{  
    color:rgb(170, 68, 152)  
}
```

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(170, 68, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 68, 152) }
```

Border

The CSS property to change the border of an element to RGB 170, 68, 152 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(170, 68, 152) }
```

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

```
.border{ border-color:rgb(170, 68, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 68, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 68, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 68, 152);  
box-shadow:4px 4px 4px 4px rgb(170, 68,  
152) }
```

Background

The CSS property to change the background color of an element to RGB 170, 68, 152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 68, 152) }
```

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

```
.background{ background-color: rgb(170, 68,  
152) }
```

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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