

Converting Colors

RGB(170, 77, 131)

Have a look what the booklet for
RGB(170, 77, 131) contains.

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Color

RGB(170, 77, 131)

Conversions

Conversions Part 1

Format	Color
Hex	AA4D83
RGB	170, 77, 131
RGB Percent	67%, 30%, 51%
CMY	0.3333, 0.6980, 0.4863
CMYK	0.00, 0.55, 0.23, 0.33
HSL	325°, 38%, 48%
HSV	325°, 55%, 67%
XYZ	23.3282, 15.4925, 23.2335
YIQ	110.9630, 38.0940, 36.5100

Conversions

Conversions Part 2

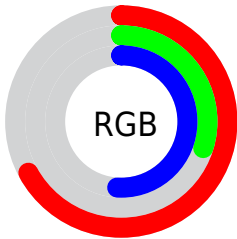
Format	Color
R_{YB}	170, 77, 131
Decimal	11160963
CIE _{Lab}	46.30, 44.51, -12.10
CIE _{LCh}	46, 46.126, 344.796
Yxy	15.4925, 0.3759, 0.2497
Android (android.graphics.Color)	4289351043 (0xFFAA4D83)
YUV	110.9630, 9.8782, 51.7754
Hunter-Lab	39.3605, 36.9124, -7.4451

Details

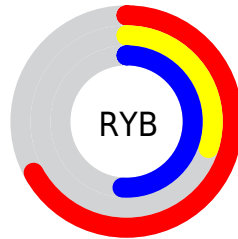
The RGB color **170, 77, 131** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **77, 170, 116**, and the grayscale version is **111, 111, 111**.

A 20% lighter version of the original color is **227, 130, 184**, and **115, 23, 82** is the 20% darker color. If you saturate the color by 10%, you get **170, 60, 124**, and if you desaturate by 10%, it is **170, 94, 138**.

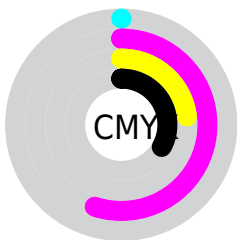
Distribution



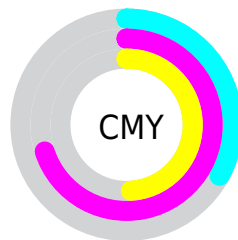
- Red (67%)
- Green (30%)
- Blue (51%)



- Red (67%)
- Yellow (30%)
- Blue (51%)



- Cyan (0%)
- Magenta (55%)
- Yellow (23%)
- Black (33%)























- Cyan (33%)
- Magenta (70%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the RGB color 170, 77, 131 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, 77, 131 by changing the saturation by 10% instead.


 170, 77, 131	 170, 77, 131
 255, 255, 255	 142, 51, 106
 227, 130, 184	 115, 23, 82
 255, 157, 212	 88, 0, 59
 255, 184, 240	 63, 0, 37
 255, 213, 255	 39, 0, 15
 255, 242, 255	 0, 0, 0

 170, 77, 131	 170, 77, 131
 170, 60, 124	 170, 94, 138
 170, 43, 117	 170, 111, 145


 170, 26, 110


 170, 128, 152


 170, 9, 102

 170, 145, 160

 170, 0, 99

 170, 162, 167

 170, 179, 174

 170, 196, 181

 170, 213, 188

 170, 230, 195

Harmonies

Analogous

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



136, 91, 165



170, 77, 131



180, 74, 92

Triad

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



170, 77, 131



112, 114, 27



0, 126, 163

Complementary

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



170, 77, 131



77, 170, 116

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, 128, 128



170, 77, 131



68, 122, 52

Square

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



170, 77, 131



146, 101, 31



0, 127, 88



0, 120, 184

Rectangle

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



170, 77, 131



176, 81, 68



0, 127, 88



0, 127, 153

Sweetspot

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



170, 77, 131



222, 186, 207



116, 77, 170



112, 91, 103



240, 240, 240



112, 112, 112

Same Dimension

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



170, 77, 131



222, 75, 160



170, 77, 85



84, 76, 81



148, 0, 86



20, 0, 12

Inverse Universe

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



170, 77, 131



222, 75, 160



77, 170, 162



84, 76, 81



148, 0, 86



20, 0, 12

Previews

White Background



This preview shows how the RGB color 170, 77, 131 looks on a white background.

Color Contrast Check

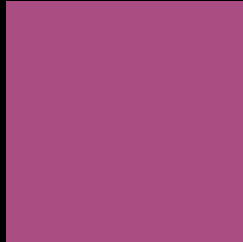
Large Text (above 18pt) WCAG AA ✓ Pass

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, 77, 131 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, 77, 131 Background



This preview shows how black text looks on a background with the RGB color 170, 77, 131.

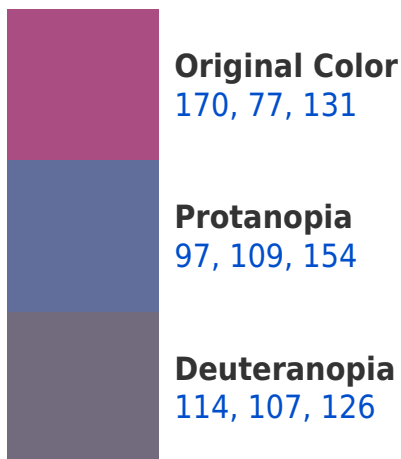


This preview shows how white text looks on a background with the RGB color 170, 77, 131.

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
166, 86, 92

Trichromacy



Original Color

170, 77, 131

Protanomaly

124, 97, 146

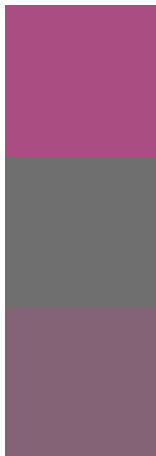
Deuteranomaly

134, 96, 128

Tritanomaly

167, 83, 106

Monochromacy



Original Color

170, 77, 131

Achromatopsia

111, 111, 111

Achromatomaly

132, 99, 118

CSS Examples

Text

The CSS property to change the color of the text to RGB 170, 77, 131 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, 77, 131)` looks like.

```
.text, #text, p{  
    color:rgb(170, 77, 131)  
}
```

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, 77, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 77, 131) }
```

Border

The CSS property to change the border of an element to RGB 170, 77, 131 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, 77, 131) }
```

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

```
.border{ border-color:rgb(170, 77, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 77, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 77, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 77, 131);  
box-shadow:4px 4px 4px 4px rgb(170, 77,  
131) }
```

Background

The CSS property to change the background color of an element to RGB 170, 77, 131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 77, 131) }
```

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

```
.background{ background-color: rgb(170, 77,  
131) }
```

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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