

Converting Colors

RGB(170, 51, 130)

Have a look what the booklet for
RGB(170, 51, 130) contains.

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Color

RGB(170, 51, 130)

Conversions

Conversions Part 1

Format	Color
Hex	AA3382
RGB	170, 51, 130
RGB Percent	67%, 20%, 51%
CMY	0.3333, 0.8000, 0.4902
CMYK	0.00, 0.70, 0.24, 0.33
HSL	320°, 54%, 43%
HSV	320°, 70%, 67%
XYZ	21.7907, 12.5254, 22.3882
YIQ	95.5870, 45.5650, 49.7970

Conversions

Conversions Part 2

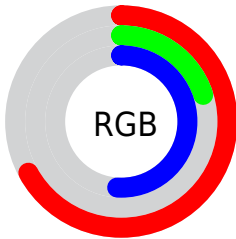
Format	Color
R_{YB}	170, 51, 130
Decimal	11154306
CIE _{Lab}	42.04, 55.85, -17.98
CIE _{LCh}	42, 58.671, 342.156
Yxy	12.5254, 0.3843, 0.2209
Android (android.graphics.Color)	4289344386 (0xFFAA3382)
YUV	95.5870, 16.9656, 65.2602
Hunter-Lab	35.3913, 47.9691, -12.7325

Details

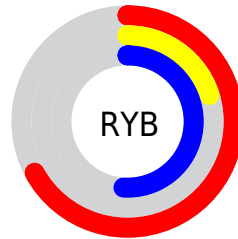
The RGB color **170, 51, 130** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **51, 170, 91**, and the grayscale version is **95, 95, 95**.

A 20% lighter version of the original color is **228, 107, 183**, and **114, 0, 81** is the 20% darker color. If you saturate the color by 10%, you get **170, 34, 124**, and if you desaturate by 10%, it is **170, 68, 136**.

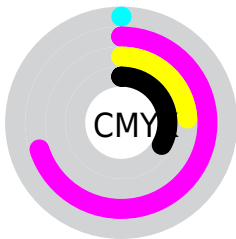
Distribution



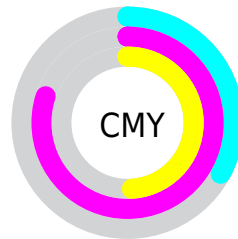
- Red (67%)
- Green (20%)
- Blue (51%)



- Red (67%)
- Yellow (20%)
- Blue (51%)



- Cyan (0%)
- Magenta (70%)
- Yellow (24%)
- Black (33%)



- Cyan (33%)
- Magenta (80%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RGB color 170, 51, 130 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, 51, 130 by changing the saturation by 10% instead.

 170, 51, 130

255, 255, 255

 228, 107, 183


 255, 134, 211

 255, 162, 239

 255, 191, 255

 255, 219, 255

 255, 249, 255

 170, 51, 130

 142, 16, 105

 114, 0, 81

 87, 0, 57

 61, 0, 36

 33, 0, 11

 0, 0, 0

 170, 51, 130

 170, 34, 124

 170, 51, 130

 170, 68, 136

■ 170, 17, 119

■ 170, 85, 141

■ 170, 0, 113

■ 170, 102, 147

■ 170, 119, 153

■ 170, 136, 159

■ 170, 153, 164

■ 170, 170, 170

■ 170, 187, 176

■ 170, 204, 181

Harmonies

Analogous

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



125, 76, 172



170, 51, 130



184, 43, 82

Triad

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



170, 51, 130



102, 103, 0



0, 119, 163

Complementary

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



170, 51, 130



51, 170, 91

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, 121, 118



170, 51, 130



45, 114, 14

Square

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



170, 51, 130



143, 86, 0



0, 119, 68



0, 113, 192

Rectangle

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



170, 51, 130



179, 55, 51



0, 119, 68



0, 120, 150

Sweetspot

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



170, 51, 130



222, 175, 206



91, 51, 170



112, 84, 103



240, 240, 240



112, 112, 112

Same Dimension

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



170, 51, 130



222, 35, 159



170, 51, 71



84, 76, 81



148, 0, 98



20, 0, 14

Inverse Universe

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



170, 51, 130



222, 35, 159



51, 170, 150



84, 76, 81



148, 0, 98



20, 0, 14

Previews

White Background



This preview shows how the RGB color 170, 51, 130 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, 51, 130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

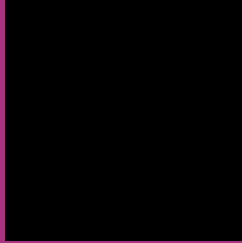
Any Text WCAG AA × Fail

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, 51, 130 Background



This preview shows how black text looks on a background with the RGB color 170, 51, 130.

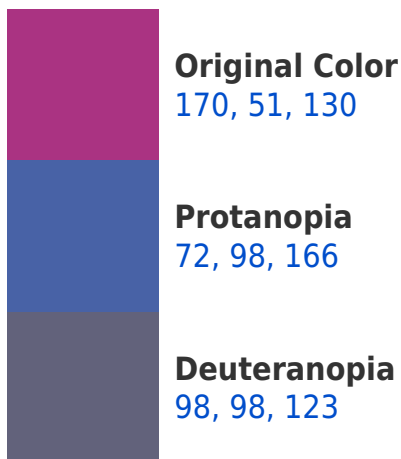


This preview shows how white text looks on a background with the RGB color 170, 51, 130.

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
165, 68, 72

Trichromacy



Original Color
170, 51, 130

Protanomaly
108, 81, 153

Deuteranomaly
124, 81, 126

Tritanomaly
167, 62, 93

Monochromacy



Original Color
170, 51, 130

Achromatopsia
96, 96, 96

Achromatomaly
123, 80, 108

CSS Examples

Text

The CSS property to change the color of the text to RGB 170, 51, 130 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, 51, 130)` looks like.

```
.text, #text, p{  
    color:rgb(170, 51, 130)  
}
```

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, 51, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 51, 130) }
```

Border

The CSS property to change the border of an element to RGB 170, 51, 130 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, 51, 130) }
```

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

```
.border{ border-color:rgb(170, 51, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 51, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 51, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 51, 130);  
box-shadow:4px 4px 4px 4px rgb(170, 51,  
130) }
```

Background

The CSS property to change the background color of an element to RGB 170, 51, 130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 51, 130) }
```

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

```
.background{ background-color: rgb(170, 51,  
130) }
```

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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