

# Converting Colors

RGB(170, 92, 160)

Have a look what the booklet for  
RGB(170, 92, 160) contains.

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# Color

**RGB(170, 92, 160)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AA5CA0
RGB	170, 92, 160
RGB Percent	67%, 36%, 63%
CMY	0.3333, 0.6392, 0.3725
CMYK	0.00, 0.46, 0.06, 0.33
HSL	308°, 31%, 51%
HSV	308°, 46%, 67%
XYZ	26.7499, 18.7384, 35.4647
YIQ	123.0740, 24.6600, 37.6840

# Conversions

## Conversions Part 2

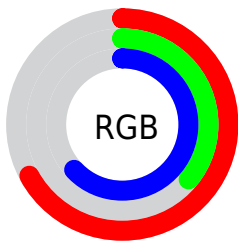
<b>Format</b>	<b>Color</b>
<b>RYB</b>	170, 92, 160
Decimal	11164832
CIELab	50.38, 41.55, -23.16
CIELCh	50, 47.565, 330.863
Yxy	18.7384, 0.3304, 0.2315
Android (android.graphics.Color)	4289354912 (0xFFAA5CA0)
YUV	123.0740, 18.2045, 41.1541
Hunter-Lab	43.2879, 34.5508, -18.2733

# Details

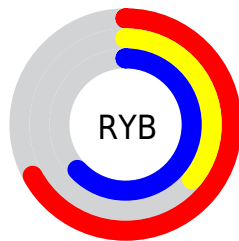
The RGB color **170, 92, 160** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **92, 170, 102**, and the grayscale version is **123, 123, 123**.

A 20% lighter version of the original color is **227, 145, 215**, and **116, 41, 108** is the 20% darker color. If you saturate the color by 10%, you get **170, 75, 158**, and if you desaturate by 10%, it is **170, 109, 162**.

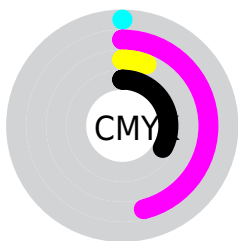
# Distribution



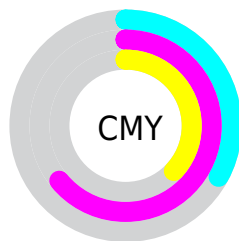
- Red (67%)
- Green (36%)
- Blue (63%)



- Red (67%)
- Yellow (36%)
- Blue (63%)



- Cyan (0%)
- Magenta (46%)
- Yellow (6%)
- Black (33%)




- Cyan (33%)
- Magenta (64%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 170, 92, 160 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, 92, 160 by changing the saturation by 10% instead.



 170, 92, 160


255, 255, 255

 227, 145, 215

 255, 172, 243

 255, 200, 255

 255, 228, 255

 170, 92, 160

 143, 67, 134

 116, 41, 108

 90, 13, 84


 65, 0, 60

 44, 0, 39

 0, 1, 15

 0, 0, 0


 170, 92, 160

 170, 75, 158


 170, 92, 160


 170, 109, 162


 170, 58, 156

 170, 126, 164


 170, 41, 153

 170, 143, 167


 170, 24, 151

 170, 160, 169

 170, 7, 149

 170, 177, 171

 170, 0, 148

 170, 194, 173

 170, 211, 175

 170, 228, 177

 170, 245, 180

# Harmonies

## Analogous

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



122, 109, 190



170, 92, 160



192, 83, 120

# Triad

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



170, 92, 160



141, 118, 32



0, 139, 160

# Complementary

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



170, 92, 160



92, 170, 102

# 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, 139, 120



170, 92, 160



100, 130, 45

# Square

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



170, 92, 160



172, 103, 48



40, 136, 79



0, 134, 190

# Rectangle

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



170, 92, 160



194, 85, 93



40, 136, 79



0, 140, 148



# Sweetspot

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



170, 92, 160



222, 191, 218



101, 92, 170



112, 93, 110



240, 240, 240



112, 112, 112



# Same Dimension

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



170, 92, 160



222, 100, 206



170, 92, 122



84, 76, 83



148, 0, 129



20, 0, 18



# Inverse Universe

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



170, 92, 160



222, 100, 206



92, 170, 140



84, 76, 83



148, 0, 129



20, 0, 18



# Previews

## White Background



This preview shows how the RGB color 170, 92, 160 looks on a white background.

## Color Contrast Check

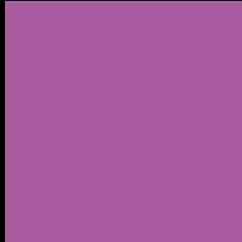
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the RGB color 170, 92, 160 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

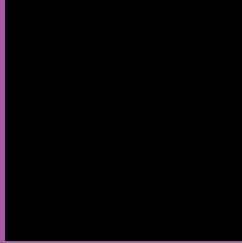
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 170, 92, 160 Background



This preview shows how black text looks on a background with the RGB color 170, 92, 160.

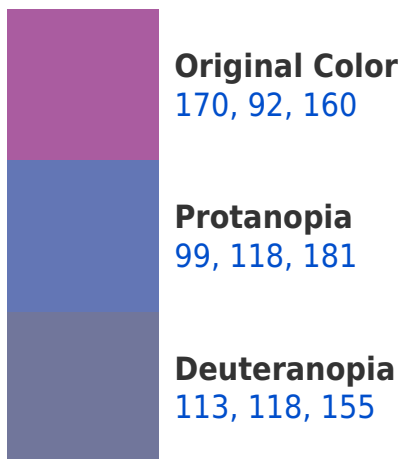



This preview shows how white text looks on a background with the RGB color 170, 92, 160.

# 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**  
164, 103, 111

# Trichromacy



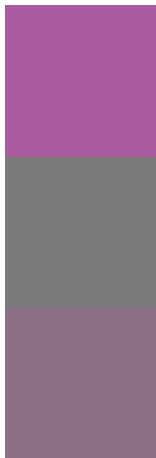
**Original Color**  
170, 92, 160

**Protanomaly**  
125, 109, 173

**Deuteranomaly**  
134, 109, 157

**Tritanomaly**  
166, 99, 129

# Monochromacy



**Original Color**  
170, 92, 160

**Achromatopsia**  
123, 123, 123

**Achromatomaly**  
140, 112, 136

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 170, 92, 160 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, 92, 160)` looks like.

```
.text, #text, p{  
    color:rgb(170, 92, 160)  
}
```

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, 92, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 92, 160) }
```

## Border

The CSS property to change the border of an element to RGB 170, 92, 160 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, 92, 160) }
```

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

```
.border{ border-color:rgb(170, 92, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 92, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 92, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 92, 160);  
box-shadow:4px 4px 4px 4px rgb(170, 92,  
160) }
```

# Background

The CSS property to change the background color of an element to RGB 170, 92, 160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 92, 160) }
```

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

```
.background{ background-color: rgb(170, 92,  
160) }
```

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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