

Converting Colors

RGB(171, 0, 132)

Have a look what the booklet for
RGB(171, 0, 132) contains.

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Color

RGB(171, 0, 132)

Conversions

Conversions Part 1

Format	Color
Hex	AB0084
RGB	171, 0, 132
RGB Percent	67%, 0%, 52%
CMY	0.3294, 1.0000, 0.4824
CMYK	0.00, 1.00, 0.23, 0.33
HSL	314°, 100%, 34%
HSV	314°, 100%, 67%
XYZ	20.9594, 10.3239, 22.7178
YIQ	66.1770, 59.5440, 77.3040

Conversions

Conversions Part 2

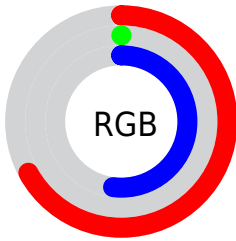
Format	Color
RYB	171, 0, 132
Decimal	11206788
CIELab	38.42, 67.52, -24.80
CIElCh	38, 71.928, 339.832
Yxy	10.3239, 0.3881, 0.1912
Android (android.graphics.Color)	4289396868 (0xFFAB0084)
YUV	66.1770, 32.4507, 91.9298
Hunter-Lab	32.1308, 60.2097, -19.4290

Details

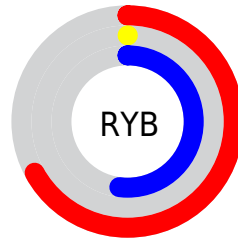
The RGB color **171, 0, 132** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **0, 171, 39**, and the grayscale version is **66, 66, 66**.

A 20% lighter version of the original color is **230, 82, 185**, and **114, 0, 82** is the 20% darker color. If you saturate the color by 10%, you get **171, 0, 132**, and if you desaturate by 10%, it is **171, 17, 136**.

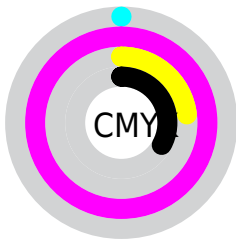
Distribution



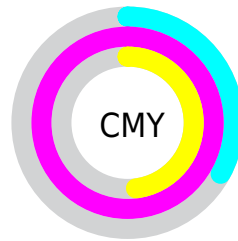
- Red (67%)
- Green (0%)
- Blue (52%)



- Red (67%)
- Yellow (0%)
- Blue (52%)



- Cyan (0%)
- Magenta (100%)
- Yellow (23%)
- Black (33%)





- Cyan (33%)
- Magenta (100%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RGB color 171, 0, 132 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 171, 0, 132 by changing the saturation by 10% instead.

 171, 0, 132

 171, 0, 132

255, 255, 255

 142, 0, 107

 230, 82, 185

 114, 0, 82

 255, 111, 213

 86, 0, 59

 255, 140, 242

 60, 0, 37


 255, 169, 255


 29, 0, 12

 255, 198, 255

 0, 0, 0

 255, 227, 255

 171, 0, 132

 171, 17, 136

■ 171, 34, 140

■ 171, 51, 144

■ 171, 68, 148

■ 171, 85, 151

■ 171, 103, 155

■ 171, 120, 159

■ 171, 137, 163

■ 171, 154, 167

Harmonies

Analogous

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



112, 63, 181



171, 0, 132



189, 0, 74

Triad

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



171, 0, 132



94, 94, 0



0, 113, 165

Complementary

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



171, 0, 132



0, 171, 39

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, 114, 109



171, 0, 132



8, 106, 0

Square

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



171, 0, 132



142, 72, 0



0, 112, 47



0, 108, 201

Rectangle

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



171, 0, 132



183, 6, 37



0, 112, 47



0, 114, 148

Sweetspot

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



171, 0, 132



222, 155, 207



37, 0, 171



112, 72, 103



240, 240, 240



112, 112, 112

Same Dimension

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



171, 0, 132



222, 0, 171



171, 0, 48



87, 78, 85



150, 0, 116



23, 0, 18

Inverse Universe

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



171, 0, 132



222, 0, 171



0, 171, 123



87, 78, 85



150, 0, 116



23, 0, 18

Previews

White Background



This preview shows how the RGB color 171, 0, 132 looks on a white background.

Color Contrast Check

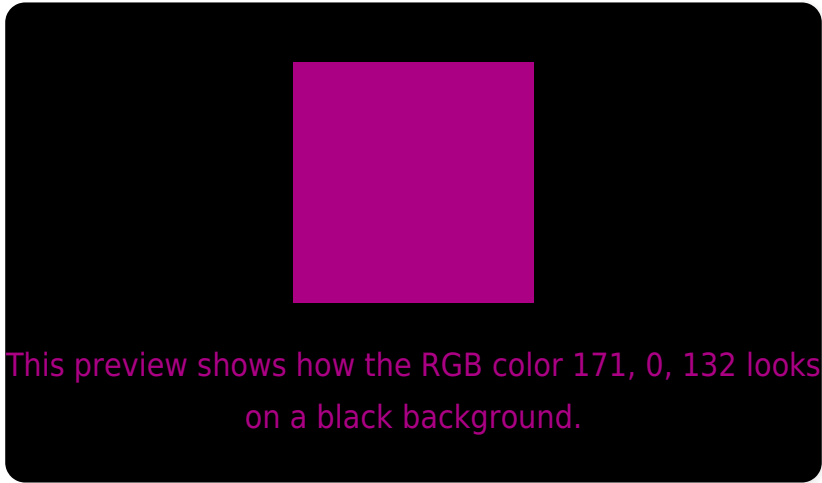
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

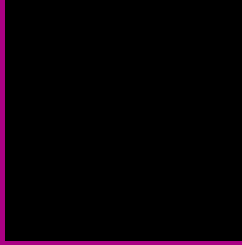
Any Text WCAG AA × Fail

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 171, 0, 132 Background



This preview shows how black text looks on a background with the RGB color 171, 0, 132.

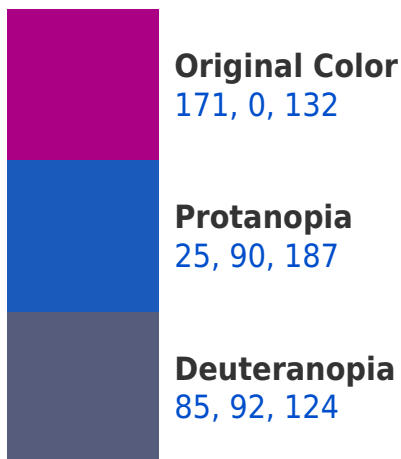


This preview shows how white text looks on a background with the RGB color 171, 0, 132.

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, 52, 55

Trichromacy



Original Color

171, 0, 132



Protanomaly

78, 57, 167



Deuteranomaly

116, 59, 127



Tritanomaly

167, 33, 83

Monochromacy



Original Color

171, 0, 132



Achromatopsia

66, 66, 66



Achromatomaly

104, 42, 90

CSS Examples

Text

The CSS property to change the color of the text to RGB 171, 0, 132 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(171, 0, 132)` looks like.

```
.text, #text, p{  
    color:rgb(171, 0, 132)  
}
```

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(171, 0, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 0, 132) }
```

Border

The CSS property to change the border of an element to RGB 171, 0, 132 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(171, 0, 132) }
```

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

```
.border{ border-color:rgb(171, 0, 132) }
```

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

Here you see how a box with a 4 pixel rgb(171, 0, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 0, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 0, 132);  
box-shadow:4px 4px 4px 4px rgb(171, 0,  
132) }
```

Background

The CSS property to change the background color of an element to RGB 171, 0, 132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 0, 132) }
```

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

```
.background{ background-color: rgb(171, 0,  
132) }
```

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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