

Converting Colors

RGB(168, 69, 133)

Have a look what the booklet for
RGB(168, 69, 133) contains.

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Color

RGB(168, 69, 133)

Conversions

Conversions Part 1

Format	Color
Hex	A84585
RGB	168, 69, 133
RGB Percent	66%, 27%, 52%
CMY	0.3412, 0.7294, 0.4784
CMYK	0.00, 0.59, 0.21, 0.34
HSL	321°, 42%, 46%
HSV	321°, 59%, 66%
XYZ	22.5102, 14.2745, 23.7591
YIQ	105.8970, 38.4600, 40.8920

Conversions

Conversions Part 2

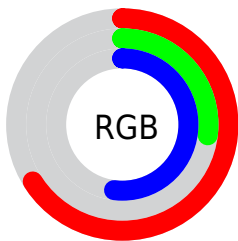
Format	Color
R _Y B	168, 69, 133
Decimal	11027845
CIE _{Lab}	44.62, 48.04, -15.88
CIE _{LCh}	45, 50.597, 341.705
Yxy	14.2745, 0.3718, 0.2358
Android (android.graphics.Color)	4289217925 (0xFFA84585)
YUV	105.8970, 13.3618, 54.4643
Hunter-Lab	37.7816, 40.2320, -10.8376

Details

The RGB color **168, 69, 133** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **69, 168, 104**, and the grayscale version is **106, 106, 106**.

A 20% lighter version of the original color is **226, 122, 186**, and **113, 8, 83** is the 20% darker color. If you saturate the color by 10%, you get **168, 52, 127**, and if you desaturate by 10%, it is **168, 86, 139**.

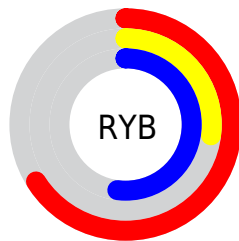
Distribution



Red (66%)

Green (27%)

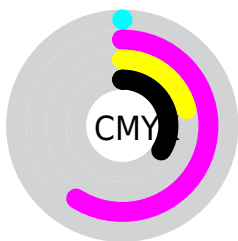
Blue (52%)



Red (66%)

Yellow (27%)

Blue (52%)

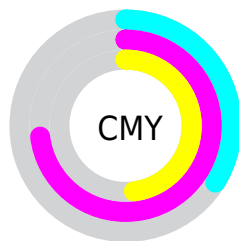


Cyan (0%)

Magenta (59%)

Yellow (21%)

Black (34%)



Cyan (34%)

Magenta (73%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RGB color 168, 69, 133 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 168, 69, 133 by changing the saturation by 10% instead.



168, 69, 133



168, 69, 133

255, 255, 255



140, 42, 108



226, 122, 186



113, 8, 83



255, 149, 214



86, 0, 60



255, 177, 242



61, 0, 38



255, 205, 255



36, 0, 16



255, 234, 255



0, 0, 0



168, 69, 133



168, 69, 133



168, 52, 127



168, 86, 139



168, 35, 121



168, 103, 145

168, 19, 115

168, 119, 151

168, 2, 109

168, 136, 157

168, 0, 109

168, 153, 163

168, 170, 169

168, 187, 175

168, 203, 181

168, 220, 186

Harmonies

Analogous

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



128, 87, 169



168, 69, 133



181, 64, 91

Triad

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



168, 69, 133



111, 109, 5



0, 124, 161

Complementary

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



168, 69, 133



69, 168, 104

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, 125, 121



168, 69, 133



64, 118, 37

Square

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



168, 69, 133



147, 94, 18



0, 124, 77



0, 117, 185

Rectangle

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



168, 69, 133



178, 71, 64



0, 124, 77



0, 125, 149

Sweetspot

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



168, 69, 133



219, 180, 205



104, 69, 168



110, 86, 101



237, 237, 237



110, 110, 110

Same Dimension

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



168, 69, 133



219, 64, 164



168, 69, 84



84, 76, 81



148, 0, 96



20, 0, 13

Inverse Universe

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



168, 69, 133



219, 64, 164



69, 168, 153



84, 76, 81



148, 0, 96



20, 0, 13

Previews

White Background



This preview shows how the RGB color 168, 69, 133 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 168, 69, 133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

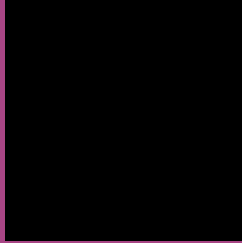
Any Text WCAG AA × Fail

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 168, 69, 133 Background



This preview shows how black text looks on a background with the RGB color 168, 69, 133.

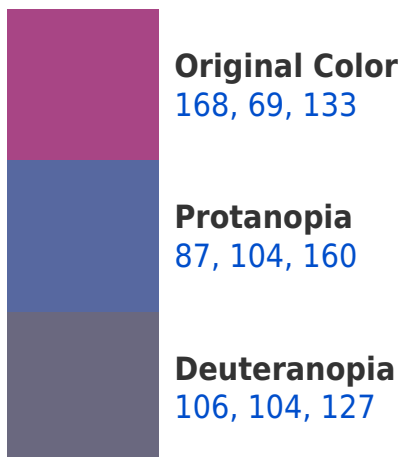


This preview shows how white text looks on a background with the RGB color 168, 69, 133.

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, 80, 86

Trichromacy



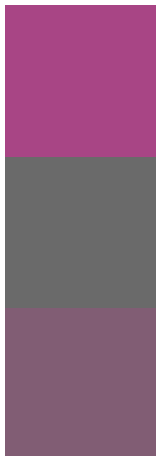
Original Color
168, 69, 133

Protanomaly
116, 91, 150

Deuteranomaly
129, 91, 129

Tritanomaly
165, 76, 103

Monochromacy



Original Color
168, 69, 133

Achromatopsia
106, 106, 106

Achromatomaly
129, 93, 116

CSS Examples

Text

The CSS property to change the color of the text to RGB 168, 69, 133 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(168, 69, 133)` looks like.

```
.text, #text, p{  
    color:rgb(168, 69, 133)  
}
```

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(168, 69, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 69, 133) }
```

Border

The CSS property to change the border of an element to RGB 168, 69, 133 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(168, 69, 133) }
```

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

```
.border{ border-color:rgb(168, 69, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 69, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 69, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 69, 133);  
box-shadow:4px 4px 4px 4px rgb(168, 69,  
133) }
```

Background

The CSS property to change the background color of an element to RGB 168, 69, 133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 69, 133) }
```

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

```
.background{ background-color: rgb(168, 69,  
133) }
```

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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