

Converting Colors

RGB(168, 70, 139)

Have a look what the booklet for
RGB(168, 70, 139) contains.

RGB(168, 70, 139)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(168, 70, 139)

Conversions

Conversions Part 1

Format	Color
Hex	A8468B
RGB	168, 70, 139
RGB Percent	66%, 27%, 55%
CMY	0.3412, 0.7255, 0.4549
CMYK	0.00, 0.58, 0.17, 0.34
HSL	318°, 41%, 47%
HSV	318°, 58%, 66%
XYZ	22.9988, 14.5692, 26.0261
YIQ	107.1680, 36.2590, 42.2350

Conversions

Conversions Part 2

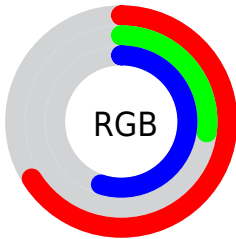
Format	Color
R_{YB}	168, 70, 139
Decimal	11028107
CIE _{Lab}	45.04, 48.48, -18.88
CIE _{LCh}	45, 52.023, 338.718
Yxy	14.5692, 0.3617, 0.2291
Android (android.graphics.Color)	4289218187 (0xFFA8468B)
YUV	107.1680, 15.6932, 53.3497
Hunter-Lab	38.1697, 40.7568, -13.7083

Details

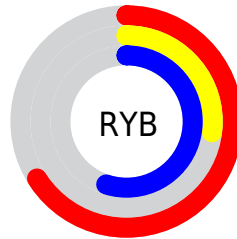
The RGB color **168, 70, 139** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **70, 168, 99**, and the grayscale version is **107, 107, 107**.

A 20% lighter version of the original color is **225, 123, 193**, and **113, 9, 89** is the 20% darker color. If you saturate the color by 10%, you get **168, 53, 134**, and if you desaturate by 10%, it is **168, 87, 144**.

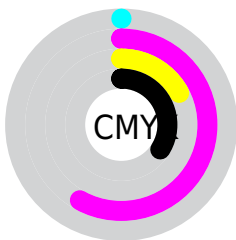
Distribution



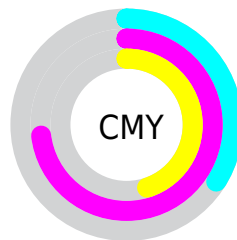
- Red (66%)
- Green (27%)
- Blue (55%)



- Red (66%)
- Yellow (27%)
- Blue (55%)



- Cyan (0%)
- Magenta (58%)
- Yellow (17%)
- Black (34%)




- Cyan (34%)
- Magenta (73%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RGB color 168, 70, 139 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, 70, 139 by changing the saturation by 10% instead.

 168, 70, 139

255, 255, 255


 225, 123, 193

 255, 150, 221

 255, 178, 249

 255, 206, 255

 255, 235, 255

 168, 70, 139

 140, 43, 113

 113, 9, 89


 86, 0, 65

 61, 0, 43


 36, 0, 22


 0, 0, 0


 168, 70, 139

 168, 53, 134

 168, 36, 129

 168, 70, 139

 168, 87, 144

 168, 104, 149

168, 20, 124

168, 120, 154

168, 3, 119

168, 137, 159

168, 0, 118

168, 154, 164

168, 171, 169

168, 188, 174

168, 204, 179

168, 221, 184

Harmonies

Analogous

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



124, 89, 175



168, 70, 139



184, 63, 96

Triad

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



168, 70, 139



116, 109, 0



0, 126, 160

Complementary

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



168, 70, 139



70, 168, 99

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, 127, 118



168, 70, 139



69, 119, 32

Square

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



168, 70, 139



152, 93, 18



0, 125, 73



0, 120, 187

Rectangle

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



168, 70, 139



182, 69, 68



0, 125, 73



0, 126, 147

Sweetspot

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



168, 70, 139



219, 180, 208



98, 70, 168



110, 86, 103



237, 237, 237



110, 110, 110

Same Dimension

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



168, 70, 139



219, 66, 174



168, 70, 91



84, 76, 82



148, 0, 104



20, 0, 14

Inverse Universe

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



168, 70, 139



219, 66, 174



70, 168, 147



84, 76, 82



148, 0, 104



20, 0, 14

Previews

White Background



This preview shows how the RGB color 168, 70, 139 looks on a white background.

Color Contrast Check

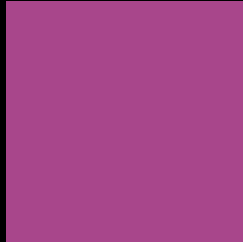
Large Text (above 18pt) WCAG AA ✓ Pass

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, 70, 139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

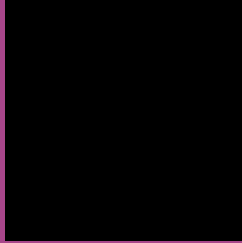
Any Text WCAG AA × Fail

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, 70, 139 Background



This preview shows how black text looks on a background with the RGB color 168, 70, 139.

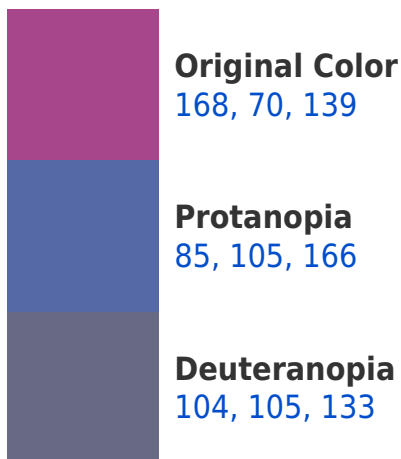


This preview shows how white text looks on a background with the RGB color 168, 70, 139.

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
163, 82, 88

Trichromacy



Original Color

168, 70, 139



Protanomaly

115, 92, 156



Deuteranomaly

127, 92, 135



Tritanomaly

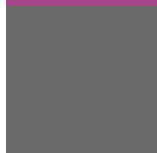
165, 78, 107

Monochromacy



Original Color

168, 70, 139



Achromatopsia

107, 107, 107



Achromatomaly

129, 94, 119

CSS Examples

Text

The CSS property to change the color of the text to RGB 168, 70, 139 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, 70, 139)` looks like.

```
.text, #text, p{  
    color:rgb(168, 70, 139)  
}
```

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, 70, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 70, 139) }
```

Border

The CSS property to change the border of an element to RGB 168, 70, 139 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, 70, 139) }
```

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

```
.border{ border-color:rgb(168, 70, 139) }
```

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

Here you see how a box with a 4 pixel rgb(168, 70, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 70, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 70, 139);  
box-shadow:4px 4px 4px 4px rgb(168, 70,  
139) }
```

Background

The CSS property to change the background color of an element to RGB 168, 70, 139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 70, 139) }
```

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

```
.background{ background-color: rgb(168, 70,  
139) }
```

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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