

Converting Colors

RGB(168, 111, 145)

Have a look what the booklet for
RGB(168, 111, 145) contains.

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Color

RGB(168, 111, 145)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | A86F91 |
| RGB | 168, 111, 145 |
| RGB Percent | 66%, 44%, 57% |
| CMY | 0.3412, 0.5647, 0.4314 |
| CMYK | 0.00, 0.34, 0.14, 0.34 |
| HSL | 324°, 25%, 55% |
| HSV | 324°, 34%, 66% |
| XYZ | 26.9437, 21.7380, 29.5638 |
| YIQ | 131.9190, 23.0580, 22.6580 |

Conversions

Conversions Part 2

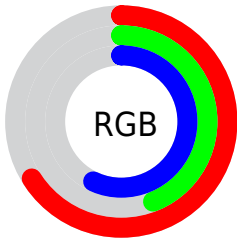
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 168, 111, 145 |
| Decimal | 11038609 |
| CIE _{Lab} | 53.75, 27.82, -9.25 |
| CIE _{LCh} | 54, 29.316, 341.601 |
| Yxy | 21.7380, 0.3443, 0.2778 |
| Android (android.graphics.Color) | 4289228689 (0xFFA86F91) |
| YUV | 131.9190, 6.4489, 31.6430 |
| Hunter-Lab | 46.6241, 21.5618, -4.9583 |

Details

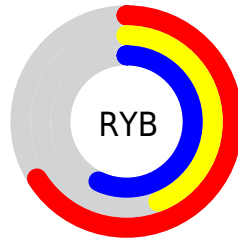
The RGB color **168, 111, 145** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **111, 168, 134**, and the grayscale version is **132, 132, 132**.

A 20% lighter version of the original color is **224, 163, 199**, and **115, 62, 95** is the 20% darker color. If you saturate the color by 10%, you get **168, 94, 138**, and if you desaturate by 10%, it is **168, 128, 152**.

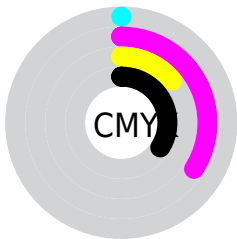
Distribution



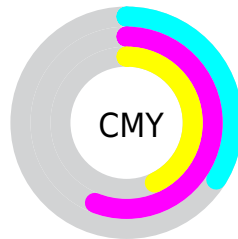
- Red (66%)
- Green (44%)
- Blue (57%)



- Red (66%)
- Yellow (44%)
- Blue (57%)



- Cyan (0%)
- Magenta (34%)
- Yellow (14%)
- Black (34%)



- Cyan (34%)
- Magenta (56%)
- Yellow (43%)


Brightness & Saturation Gradients

These gradients show how the RGB color 168, 111, 145 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, 111, 145 by changing the saturation by 10% instead.

 168, 111, 145

255, 255, 255


 224, 163, 199

 253, 191, 227

 255, 219, 255


 255, 247, 255

 168, 111, 145

 141, 86, 119

 115, 62, 95

 89, 39, 71

 65, 15, 48

 42, 0, 28

 2, 0, 0


 0, 0, 0

 168, 111, 145


 168, 94, 138

 168, 111, 145

 168, 128, 152

 168, 77, 131


 168, 145, 159

 168, 61, 125


 168, 161, 165

 168, 44, 118

 168, 178, 172

 168, 27, 111

 168, 195, 179

 168, 10, 104

 168, 212, 186

 168, 0, 100

 168, 229, 192

 168, 245, 199

 168, 255, 206

Harmonies

Analogous

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



144, 118, 166



168, 111, 145



178, 109, 119

Triad

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



168, 111, 145



136, 130, 78



32, 140, 161

Complementary

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



168, 111, 145



111, 168, 134

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.



44, 142, 138



168, 111, 145



108, 137, 90

Square

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



168, 111, 145



159, 122, 81



77, 141, 112



66, 135, 176

Rectangle

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



168, 111, 145



177, 111, 103



77, 141, 112



30, 141, 154

Sweetspot

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



168, 111, 145



219, 197, 210



134, 111, 168



110, 96, 104



237, 237, 237



110, 110, 110

Same Dimension

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



168, 111, 145



219, 129, 183



168, 111, 117



84, 76, 81



148, 0, 88



20, 0, 12

Inverse Universe

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



168, 111, 145



219, 129, 183



111, 168, 162



84, 76, 81



148, 0, 88



20, 0, 12

Previews

White Background



This preview shows how the RGB color 168, 111, 145 looks on a white background.

Color Contrast Check

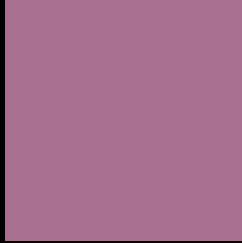
Large Text (above 18pt) WCAG AA ✓ Pass

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 168, 111, 145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

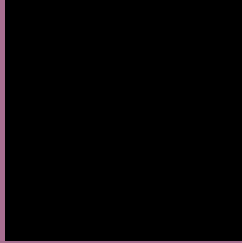
Any Text WCAG AA ✓ Pass

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 168, 111, 145 Background



This preview shows how black text looks on a background with the RGB color 168, 111, 145.

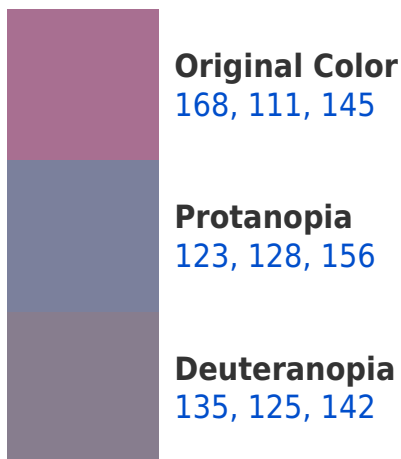



This preview shows how white text looks on a background with the RGB color 168, 111, 145.

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
166, 115, 124

Trichromacy



Original Color
168, 111, 145

Protanomaly
139, 122, 152

Deuteranomaly
147, 120, 143

Tritanomaly
167, 114, 132

Monochromacy



Original Color
168, 111, 145

Achromatopsia
132, 132, 132

Achromatomaly
145, 124, 137

CSS Examples

Text

The CSS property to change the color of the text to RGB 168, 111, 145 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, 111, 145) looks like.

```
.text, #text, p{  
    color:rgb(168, 111, 145)  
}
```

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, 111, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 111, 145) }
```

Border

The CSS property to change the border of an element to RGB 168, 111, 145 is called "border". The border property can be set on classes, ids or directly on the HTML element.

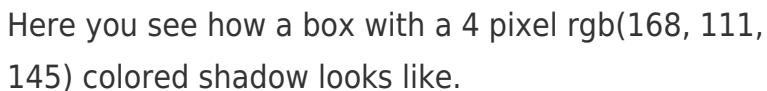
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 111, 145) }
```

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

```
.border{ border-color:rgb(168, 111, 145) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 111, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 111, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 111, 145); box-shadow:4px 4px 4px 4px rgb(168, 111, 145) }
```

Background

The CSS property to change the background color of an element to RGB 168, 111, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 111, 145) }
```

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

```
.background{ background-color: rgb(168,  
111, 145) }
```

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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