

Converting Colors

RGB(166, 89, 136)

Have a look what the booklet for
RGB(166, 89, 136) contains.

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Color

RGB(166, 89, 136)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | A65988 |
| RGB | 166, 89, 136 |
| RGB Percent | 65%, 35%, 53% |
| CMY | 0.3490, 0.6510, 0.4667 |
| CMYK | 0.00, 0.46, 0.18, 0.35 |
| HSL | 323°, 30%, 50% |
| HSV | 323°, 46%, 65% |
| XYZ | 23.7422, 17.0293, 25.3282 |
| YIQ | 117.3810, 30.8050, 30.9410 |

Conversions

Conversions Part 2

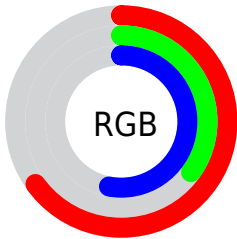
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 166, 89, 136 |
| Decimal | 10901896 |
| CIE _{Lab} | 48.30, 37.75, -12.14 |
| CIE _{LCh} | 48, 39.657, 342.167 |
| Yxy | 17.0293, 0.3592, 0.2576 |
| Android (android.graphics.Color) | 4289091976 (0xFFA65988) |
| YUV | 117.3810, 9.1792, 42.6389 |
| Hunter-Lab | 41.2666, 30.4811, -7.5038 |

Details

The RGB color **166, 89, 136** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **89, 166, 119**, and the grayscale version is **117, 117, 117**.

A 20% lighter version of the original color is **223, 141, 189**, and **112, 39, 86** is the 20% darker color. If you saturate the color by 10%, you get **166, 72, 130**, and if you desaturate by 10%, it is **166, 106, 142**.

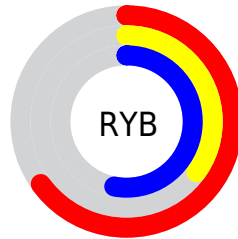
Distribution



Red (65%)

Green (35%)

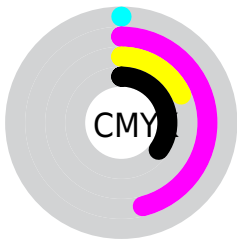
Blue (53%)



Red (65%)

Yellow (35%)

Blue (53%)

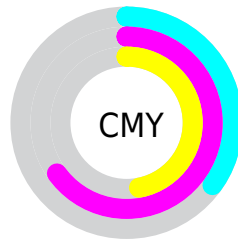


Cyan (0%)

Magenta (46%)

Yellow (18%)

Black (35%)



Cyan (35%)

Magenta (65%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RGB color 166, 89, 136 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 166, 89, 136 by changing the saturation by 10% instead.



166, 89, 136



166, 89, 136

255, 255, 255



139, 64, 111



223, 141, 189



112, 39, 86



252, 168, 217



86, 11, 63



255, 196, 246



61, 0, 41



255, 224, 255



40, 0, 20



255, 253, 255



0, 0, 0



166, 89, 136



166, 89, 136



166, 72, 130



166, 106, 142



166, 56, 123



166, 122, 149

166, 39, 117

166, 139, 155

166, 23, 110

166, 155, 162

166, 6, 104

166, 172, 168

166, 0, 101

166, 189, 175

166, 205, 181

166, 222, 188

166, 238, 194

Harmonies

Analogous

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



135, 100, 165



166, 89, 136



177, 86, 102

Triad

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



166, 89, 136



121, 117, 46



0, 130, 159

Complementary

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



166, 89, 136



89, 166, 119

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, 132, 128



166, 89, 136



84, 125, 63

Square

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



166, 89, 136



151, 106, 50



27, 130, 93



0, 124, 178

Rectangle

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



166, 89, 136



175, 90, 81



27, 130, 93



0, 131, 149

Sweetspot

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



166, 89, 136



217, 186, 205



119, 89, 166



110, 91, 102



237, 237, 237



110, 110, 110

Same Dimension

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



166, 89, 136



217, 95, 169



166, 89, 98



84, 76, 81



148, 0, 90



20, 0, 12

Inverse Universe

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



166, 89, 136



217, 95, 169



89, 166, 157



84, 76, 81



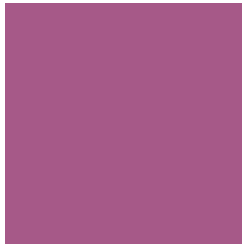
148, 0, 90



20, 0, 12

Previews

White Background



This preview shows how the RGB color 166, 89, 136 looks on a white background.

Color Contrast Check

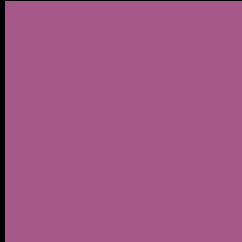
Large Text (above 18pt) WCAG AA ✓ Pass

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 166, 89, 136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

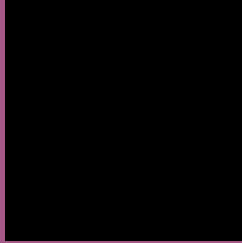
Any Text WCAG AA × Fail

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 166, 89, 136 Background



This preview shows how black text looks on a background with the RGB color 166, 89, 136.

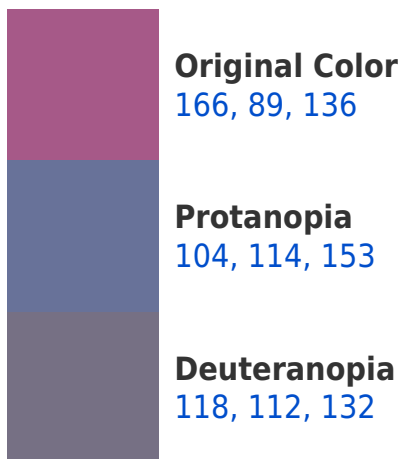



This preview shows how white text looks on a background with the RGB color 166, 89, 136.

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, 96, 103

Trichromacy



Original Color

166, 89, 136

Protanomaly

127, 105, 147

Deuteranomaly

135, 104, 133

Tritanomaly

164, 93, 115

Monochromacy



Original Color

166, 89, 136

Achromatopsia

117, 117, 117

Achromatomaly

135, 107, 124

CSS Examples

Text

The CSS property to change the color of the text to RGB 166, 89, 136 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(166, 89, 136)` looks like.

```
.text, #text, p{  
    color:rgb(166, 89, 136)  
}
```

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(166, 89, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 89, 136) }
```

Border

The CSS property to change the border of an element to RGB 166, 89, 136 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(166, 89, 136) }
```

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

```
.border{ border-color:rgb(166, 89, 136) }
```

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

Here you see how a box with a 4 pixel rgb(166, 89, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 89, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 89, 136);  
box-shadow:4px 4px 4px 4px rgb(166, 89,  
136) }
```

Background

The CSS property to change the background color of an element to RGB 166, 89, 136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 89, 136) }
```

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

```
.background{ background-color: rgb(166, 89,  
136) }
```

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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