

Converting Colors

RGB(167, 136, 195)

Have a look what the booklet for
RGB(167, 136, 195) contains.

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Color

RGB(167, 136, 195)

Conversions

Conversions Part 1

Format	Color
Hex	A788C3
RGB	167, 136, 195
RGB Percent	65%, 53%, 76%
CMY	0.3451, 0.4667, 0.2353
CMYK	0.14, 0.30, 0.00, 0.24
HSL	272°, 33%, 65%
HSV	272°, 30%, 76%
XYZ	34.5908, 29.7639, 55.5516
YIQ	151.9950, -0.4630, 24.9210

Conversions

Conversions Part 2

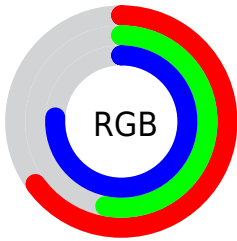
Format	Color
RYB	167, 136, 195
Decimal	10979523
CIELab	61.45, 23.14, -26.28
CIELCh	61, 35.016, 311.372
Yxy	29.7639, 0.2885, 0.2482
Android (android.graphics.Color)	4289169603 (0xFFA788C3)
YUV	151.9950, 21.2015, 13.1594
Hunter-Lab	54.5563, 17.7023, -22.1822

Details

The RGB color **167, 136, 195** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **164, 195, 136**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **223, 190, 252**, and **114, 86, 141** is the 20% darker color. If you saturate the color by 10%, you get **158, 116, 195**, and if you desaturate by 10%, it is **176, 156, 195**.

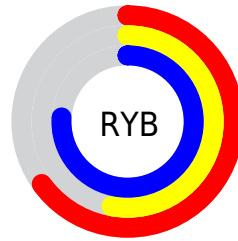
Distribution



Red (65%)

Green (53%)

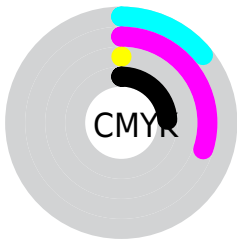
Blue (76%)



Red (65%)

Yellow (53%)

Blue (76%)

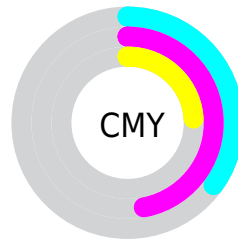


Cyan (14%)

Magenta (30%)

Yellow (0%)

Black (24%)



Cyan (35%)

Magenta (47%)

Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the RGB color 167, 136, 195 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 167, 136, 195 by changing the saturation by 10% instead.

 167, 136, 195

255, 255, 255

 223, 190, 252

 252, 217, 255

 255, 246, 255


 167, 136, 195

 140, 110, 168

 114, 86, 141

 89, 62, 115

 65, 40, 91

 41, 18, 67

 23, 0, 45

 0, 1, 23

 0, 0, 0

 167, 136, 195

 167, 136, 195

 158, 116, 195


 176, 156, 195

 148, 97, 195


 186, 175, 195

 139, 78, 195


 195, 195, 195

 130, 58, 195

 204, 214, 195

 121, 39, 195


 213, 233, 195

 111, 19, 195

 223, 253, 195

 102, 0, 195

 232, 255, 195

 241, 255, 195

 250, 255, 195

Harmonies

Analogous

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



122, 147, 209



167, 136, 195



196, 127, 169

Triad

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



167, 136, 195



185, 140, 90



35, 165, 160

Complementary

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



167, 136, 195



164, 195, 136

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.



84, 163, 128



167, 136, 195



157, 150, 87

Square

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



167, 136, 195



204, 130, 109



123, 159, 101



0, 163, 188

Rectangle

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



167, 136, 195



206, 124, 148



123, 159, 101



53, 165, 149

Sweetspot

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



167, 136, 195



242, 230, 252



136, 165, 195



121, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



167, 136, 195



209, 162, 252



195, 136, 194



92, 87, 97



84, 0, 161



17, 0, 33

Inverse Universe

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



195, 136, 164



252, 162, 205



136, 195, 137



97, 87, 92



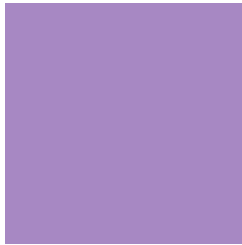
161, 0, 76



33, 0, 16

Previews

White Background



This preview shows how the RGB color 167, 136, 195 looks on a white background.

Color Contrast Check

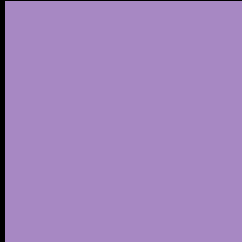
Large Text (above 18pt) WCAG AA ✓ Pass

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 167, 136, 195 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 167, 136, 195 Background



This preview shows how black text looks on a background with the RGB color 167, 136, 195.

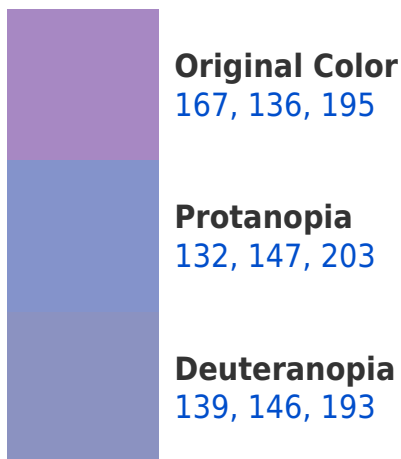


This preview shows how white text looks on a background with the RGB color 167, 136, 195.

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
161, 144, 155

Trichromacy



Original Color
167, 136, 195

Protanomaly
145, 143, 200

Deuteranomaly
149, 142, 194

Tritanomaly
163, 141, 170

Monochromacy



Original Color
167, 136, 195

Achromatopsia
152, 152, 152

Achromatomaly
157, 146, 168

CSS Examples

Text

The CSS property to change the color of the text to RGB 167, 136, 195 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(167, 136, 195)` looks like.

```
.text, #text, p{  
    color:rgb(167, 136, 195)  
}
```

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(167, 136, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 136, 195) }
```

Border

The CSS property to change the border of an element to RGB 167, 136, 195 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(167, 136, 195) }
```

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

```
.border{ border-color:rgb(167, 136, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 136, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 136, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 136, 195);  
box-shadow:4px 4px 4px 4px rgb(167, 136,  
195) }
```

Background

The CSS property to change the background color of an element to RGB 167, 136, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 136, 195) }
```

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

```
.background{ background-color: rgb(167,  
136, 195) }
```

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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