

Converting Colors

RGB(178, 168, 201)

Have a look what the booklet for
RGB(178, 168, 201) contains.

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Color

RGB(178, 168, 201)

Conversions

Conversions Part 1

Format	Color
Hex	B2A8C9
RGB	178, 168, 201
RGB Percent	70%, 66%, 79%
CMY	0.3020, 0.3412, 0.2118
CMYK	0.11, 0.16, 0.00, 0.21
HSL	258°, 23%, 72%
HSV	258°, 16%, 79%
XYZ	42.9053, 41.6873, 61.0434
YIQ	174.7520, -4.6330, 12.3830

Conversions

Conversions Part 2

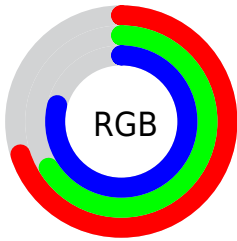
Format	Color
RYB	178, 168, 201
Decimal	11708617
CIELab	70.65, 10.04, -15.51
CIElCh	71, 18.477, 302.926
Yxy	41.6873, 0.2946, 0.2862
Android (android.graphics.Color)	4289898697 (0xFFB2A8C9)
YUV	174.7520, 12.9403, 2.8485
Hunter-Lab	64.5657, 5.6273, -10.8596

Details

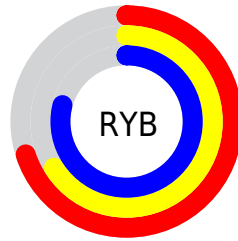
The RGB color **178, 168, 201** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **191, 201, 168**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **234, 223, 255**, and **125, 116, 147** is the 20% darker color. If you saturate the color by 10%, you get **164, 148, 201**, and if you desaturate by 10%, it is **192, 188, 201**.

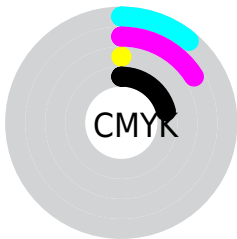
Distribution



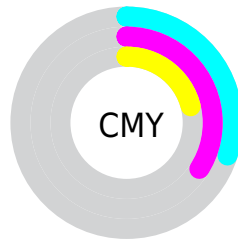
- Red (70%)
- Green (66%)
- Blue (79%)



- Red (70%)
- Yellow (66%)
- Blue (79%)



- Cyan (11%)
- Magenta (16%)
- Yellow (0%)
- Black (21%)



- Cyan (30%)
- Magenta (34%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RGB color 178, 168, 201 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 178, 168, 201 by changing the saturation by 10% instead.


 178, 168, 201

255, 255, 255

 234, 223, 255

 255, 252, 255

 178, 168, 201


 151, 142, 174


 125, 116, 147

 100, 91, 121

 76, 68, 96


 53, 46, 73

 31, 25, 50

 11, 0, 29

 0, 0, 0

 178, 168, 201

 178, 168, 201

■ 164, 148, 201

■ 192, 188, 201

■ 150, 128, 201

■ 206, 208, 201

■ 136, 108, 201

■ 220, 228, 201

■ 122, 88, 201

■ 234, 248, 201

■ 108, 68, 201

■ 248, 255, 201

■ 94, 47, 201

■ 255, 255, 201

■ 80, 27, 201

■ 66, 7, 201

■ 61, 0, 201

Harmonies

Analogous

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



156, 174, 206



178, 168, 201



196, 163, 188

Triad

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



178, 168, 201



199, 167, 143



132, 183, 174

Complementary

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



178, 168, 201



191, 201, 168

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.



147, 181, 157



178, 168, 201



184, 172, 139

Square

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



178, 168, 201



207, 162, 155



166, 177, 144



128, 182, 190

Rectangle

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



178, 168, 201



204, 161, 178



166, 177, 144



136, 182, 168

Sweetspot

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



178, 168, 201



246, 242, 255



168, 191, 201



122, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



178, 168, 201



219, 204, 255



194, 168, 201



93, 90, 99



49, 0, 163



11, 0, 36

Inverse Universe

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



201, 168, 191



255, 204, 240



175, 201, 168



99, 90, 96



163, 0, 114



36, 0, 25

Previews

White Background



This preview shows how the RGB color 178, 168, 201 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 178, 168, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

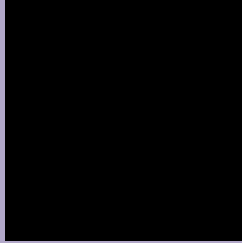
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 178, 168, 201 Background



This preview shows how black text looks on a background with the RGB color 178, 168, 201.



This preview shows how white text looks on a background with the RGB color 178, 168, 201.

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



Original Color
178, 168, 201

Protanopia
167, 171, 203

Deuteranopia
176, 169, 201



Tritanopia
175, 171, 184

Trichromacy



Original Color

178, 168, 201

Protanomaly

171, 170, 202

Deuteranomaly

177, 169, 201

Tritanomaly

176, 170, 190

Monochromacy



Original Color

178, 168, 201

Achromatopsia

175, 175, 175

Achromatomaly

176, 172, 184

CSS Examples

Text

The CSS property to change the color of the text to RGB 178, 168, 201 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(178, 168, 201) looks like.

```
.text, #text, p{  
    color:rgb(178, 168, 201)  
}
```

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(178, 168, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 168, 201) }
```

Border

The CSS property to change the border of an element to RGB 178, 168, 201 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(178, 168, 201) }
```

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

```
.border{ border-color:rgb(178, 168, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 168, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 168, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 168, 201);  
box-shadow:4px 4px 4px 4px rgb(178, 168,  
201) }
```

Background

The CSS property to change the background color of an element to RGB 178, 168, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 168, 201) }
```

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

```
.background{ background-color: rgb(178,  
168, 201) }
```

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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