

Converting Colors

RGB(168, 167, 211)

Have a look what the booklet for
RGB(168, 167, 211) contains.

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Color

RGB(168, 167, 211)

Conversions

Conversions Part 1

Format	Color
Hex	A8A7D3
RGB	168, 167, 211
RGB Percent	66%, 65%, 83%
CMY	0.3412, 0.3451, 0.1725
CMYK	0.20, 0.21, 0.00, 0.17
HSL	241°, 33%, 74%
HSV	241°, 21%, 83%
XYZ	41.7250, 40.6654, 67.2781
YIQ	172.3150, -13.5280, 13.8960

Conversions

Conversions Part 2

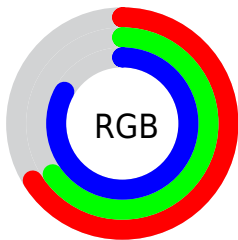
Format	Color
RYB	168, 167, 211
Decimal	11053011
CIELab	69.94, 9.57, -22.17
CIELCh	70, 24.150, 293.346
Yxy	40.6654, 0.2788, 0.2717
Android (android.graphics.Color)	4289243091 (0xFFA8A7D3)
YUV	172.3150, 19.0717, -3.7843
Hunter-Lab	63.7694, 5.1980, -17.9136

Details

The RGB color **168, 167, 211** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **210, 211, 167**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **224, 222, 255**, and **115, 115, 156** is the 20% darker color. If you saturate the color by 10%, you get **147, 146, 211**, and if you desaturate by 10%, it is **189, 188, 211**.

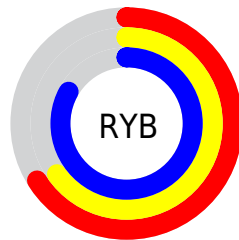
Distribution



Red (66%)

Green (65%)

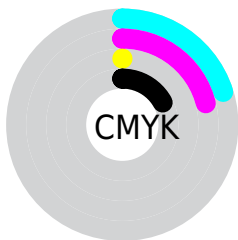
Blue (83%)



Red (66%)

Yellow (65%)

Blue (83%)

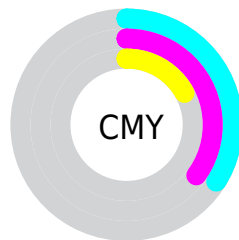


Cyan (20%)

Magenta (21%)

Yellow (0%)

Black (17%)



Cyan (34%)

Magenta (35%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RGB color 168, 167, 211 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, 167, 211 by changing the saturation by 10% instead.

■ 168, 167, 211

255, 255, 255

■ 224, 222, 255

■ 252, 251, 255

■ 168, 167, 211

■ 141, 141, 183

■ 115, 115, 156

■ 90, 91, 130

■ 66, 67, 105

■ 42, 45, 81

■ 19, 25, 57


■ 0, 0, 36

■ 0, 0, 12


■ 0, 0, 0

 168, 167, 211

 168, 167, 211

 147, 146, 211

 189, 188, 211

 127, 125, 211

 209, 209, 211

 106, 104, 211

 230, 230, 211

 86, 83, 211

 250, 251, 211

 65, 62, 211

 255, 255, 211

 44, 40, 211

 24, 19, 211

 5, 0, 211

Harmonies

Analogous

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



138, 174, 214



168, 167, 211



195, 160, 197

Triad

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



168, 167, 211



209, 161, 137



121, 183, 165

Complementary

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



168, 167, 211



210, 211, 167

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.



144, 180, 144



168, 167, 211



192, 168, 128

Square

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



168, 167, 211



216, 156, 155



169, 175, 130



108, 183, 187

Rectangle

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



168, 167, 211



207, 156, 184



169, 175, 130



128, 182, 158

Sweetspot

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



168, 167, 211



240, 240, 255



167, 210, 211



119, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



168, 167, 211



193, 191, 255



190, 167, 211



94, 94, 105



4, 0, 168



1, 0, 41

Inverse Universe

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



211, 167, 210



255, 191, 254



188, 211, 167



105, 94, 104



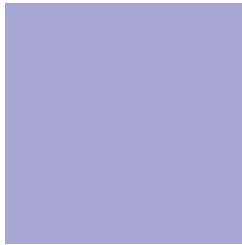
168, 0, 164



41, 0, 40

Previews

White Background



This preview shows how the RGB color 168, 167, 211 looks on a white background.

Color Contrast Check

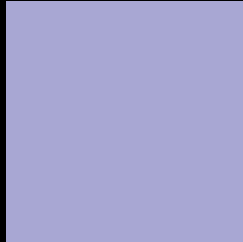
Large Text (above 18pt) WCAG AA × Fail

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 168, 167, 211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

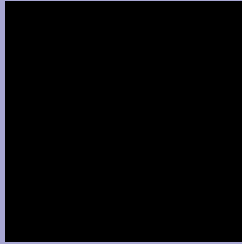
Any Text WCAG AA ✓ Pass

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 168, 167, 211 Background



This preview shows how black text looks on a background with the RGB color 168, 167, 211.



This preview shows how white text looks on a background with the RGB color 168, 167, 211.

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

168, 167, 211

Protanopia

160, 169, 212

Deuteranopia

167, 167, 211



Tritanopia
163, 172, 185

Trichromacy



Original Color
168, 167, 211

Protanomaly
163, 168, 212

Deuteranomaly
167, 167, 211

Tritanomaly
165, 170, 194

Monochromacy



Original Color
168, 167, 211

Achromatopsia
172, 172, 172

Achromatomaly
171, 170, 186

CSS Examples

Text

The CSS property to change the color of the text to RGB 168, 167, 211 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, 167, 211)` looks like.

```
.text, #text, p{  
    color:rgb(168, 167, 211)  
}
```

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, 167, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 167, 211) }
```

Border

The CSS property to change the border of an element to RGB 168, 167, 211 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, 167, 211) }
```

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

```
.border{ border-color:rgb(168, 167, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 167, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 167, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 167, 211);  
box-shadow:4px 4px 4px 4px rgb(168, 167,  
211) }
```

Background

The CSS property to change the background color of an element to RGB 168, 167, 211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 167, 211) }
```

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

```
.background{ background-color: rgb(168,  
167, 211) }
```

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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