

Converting Colors

RGB(168, 168, 212)

Have a look what the booklet for
RGB(168, 168, 212) contains.

RGB(168, 168, 212)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(168, 168, 212)

Conversions

Conversions Part 1

Format	Color
Hex	A8A8D4
RGB	168, 168, 212
RGB Percent	66%, 66%, 83%
CMY	0.3412, 0.3412, 0.1686
CMYK	0.21, 0.21, 0.00, 0.17
HSL	240°, 34%, 75%
HSV	240°, 21%, 83%
XYZ	42.0347, 41.0836, 68.0018
YIQ	173.0160, -14.1240, 13.6840

Conversions

Conversions Part 2

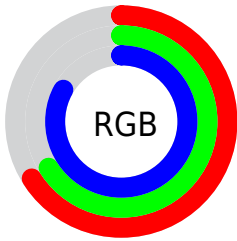
Format	Color
R _{YB}	168, 168, 212
Decimal	11053268
CIE _{Lab}	70.23, 9.24, -22.28
CIE _{LCh}	70, 24.117, 292.535
Yxy	41.0836, 0.2782, 0.2719
Android (android.graphics.Color)	4289243348 (0xFFA8A8D4)
YUV	173.0160, 19.2191, -4.3990
Hunter-Lab	64.0965, 4.8923, -18.0350

Details

The RGB color **168, 168, 212** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **212, 212, 168**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **224, 223, 255**, and **115, 116, 157** is the 20% darker color. If you saturate the color by 10%, you get **147, 147, 212**, and if you desaturate by 10%, it is **189, 189, 212**.

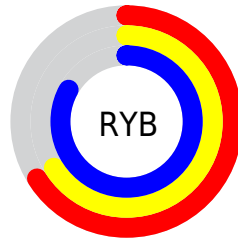
Distribution



Red (66%)

Green (66%)

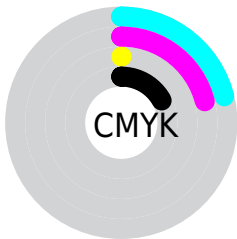
Blue (83%)



Red (66%)

Yellow (66%)

Blue (83%)

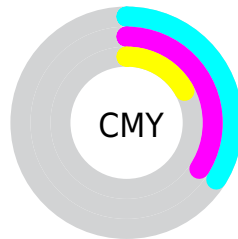


Cyan (21%)

Magenta (21%)

Yellow (0%)

Black (17%)



Cyan (34%)

Magenta (34%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RGB color 168, 168, 212 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, 168, 212 by changing the saturation by 10% instead.


 168, 168, 212

255, 255, 255


 224, 223, 255

 252, 252, 255

 168, 168, 212

 141, 142, 184

 115, 116, 157

 90, 92, 131

 66, 68, 106

 42, 46, 81

 19, 25, 58


 0, 0, 37

 0, 1, 13

 0, 0, 0

 168, 168, 212


 168, 168, 212

 147, 147, 212

 189, 189, 212

 126, 126, 212

 210, 210, 212

 104, 104, 212

 232, 232, 212

 83, 83, 212


 253, 253, 212

 62, 62, 212

 255, 255, 212

 41, 41, 212

 20, 20, 212

 0, 0, 212

Harmonies

Analogous

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



138, 175, 215



168, 168, 212



195, 161, 199

Triad

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



168, 168, 212



210, 161, 138



122, 184, 165

Complementary

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



168, 168, 212



212, 212, 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.



145, 181, 144



168, 168, 212



193, 168, 129

Square

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



168, 168, 212



217, 157, 156



171, 175, 131



109, 184, 188

Rectangle

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



168, 168, 212



207, 157, 185



171, 175, 131



129, 183, 158

Sweetspot

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



168, 168, 212



240, 240, 255



168, 212, 212



119, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



168, 168, 212



191, 191, 255



190, 168, 212



96, 96, 107



0, 0, 171



0, 0, 43

Inverse Universe

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



212, 168, 212



255, 191, 255



190, 212, 168



107, 96, 107



171, 0, 171



43, 0, 43

Previews

White Background



This preview shows how the RGB color 168, 168, 212 looks on a white background.

Color Contrast Check

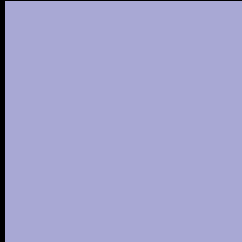
Large Text (above 18pt) WCAG AA × Fail

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, 168, 212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

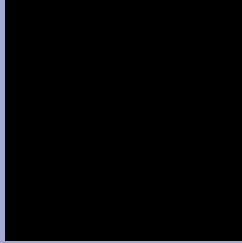
Any Text WCAG AA ✓ Pass

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, 168, 212 Background



This preview shows how black text looks on a background with the RGB color 168, 168, 212.



This preview shows how white text looks on a background with the RGB color 168, 168, 212.

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

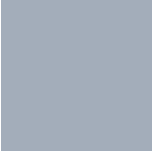
168, 168, 212

Protanopia

161, 170, 213

Deuteranopia

168, 168, 212



Tritanopia
163, 173, 186

Trichromacy



Original Color
168, 168, 212

Protanomaly
164, 169, 213

Deuteranomaly
168, 168, 212

Tritanomaly
165, 171, 195

Monochromacy



Original Color
168, 168, 212

Achromatopsia
173, 173, 173

Achromatomaly
171, 171, 187

CSS Examples

Text

The CSS property to change the color of the text to RGB 168, 168, 212 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, 168, 212)` looks like.

```
.text, #text, p{  
    color:rgb(168, 168, 212)  
}
```

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, 168, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 168, 212) }
```

Border

The CSS property to change the border of an element to RGB 168, 168, 212 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, 168, 212) }
```

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

```
.border{ border-color:rgb(168, 168, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 168, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 168, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 168, 212);  
box-shadow:4px 4px 4px 4px rgb(168, 168,  
212) }
```

Background

The CSS property to change the background color of an element to RGB 168, 168, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 168, 212) }
```

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

```
.background{ background-color: rgb(168,  
168, 212) }
```

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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