

Converting Colors

RGB(180, 168, 239)

Have a look what the booklet for
RGB(180, 168, 239) contains.

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Color

RGB(180, 168, 239)

Conversions

Conversions Part 1

Format	Color
Hex	B4A8EF
RGB	180, 168, 239
RGB Percent	71%, 66%, 94%
CMY	0.2941, 0.3412, 0.0627
CMYK	0.25, 0.30, 0.00, 0.06
HSL	250°, 69%, 80%
HSV	250°, 30%, 94%
XYZ	48.4050, 43.9406, 87.5915
YIQ	179.6820, -15.6390, 24.6250

Conversions

Conversions Part 2

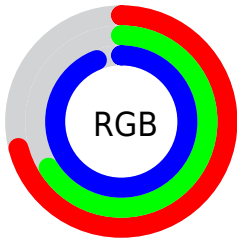
Format	Color
R_{YB}	180, 168, 239
Decimal	11839727
CIE _{Lab}	72.19, 19.17, -33.96
CIE _{LCh}	72, 38.993, 299.439
Yxy	43.9406, 0.2690, 0.2442
Android (android.graphics.Color)	4290029807 (0xFFB4A8EF)
YUV	179.6820, 29.2438, 0.2789
Hunter-Lab	66.2877, 14.3420, -31.9435

Details

The RGB color **180, 168, 239** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **227, 239, 168**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **237, 223, 255**, and **126, 116, 183** is the 20% darker color. If you saturate the color by 10%, you get **160, 144, 239**, and if you desaturate by 10%, it is **200, 192, 239**.

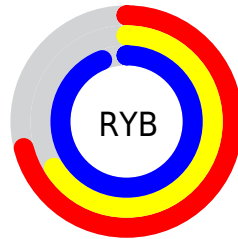
Distribution



Red (71%)

Green (66%)

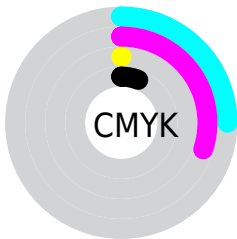
Blue (94%)



Red (71%)

Yellow (66%)

Blue (94%)

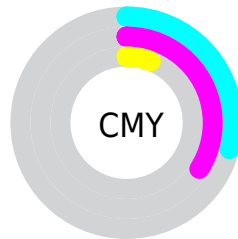


Cyan (25%)

Magenta (30%)

Yellow (0%)

Black (6%)



Cyan (29%)

Magenta (34%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 180, 168, 239 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 180, 168, 239 by changing the saturation by 10% instead.

■ 180, 168, 239

255, 255, 255

■ 237, 223, 255

■ 255, 252, 255

■ 180, 168, 239

■ 153, 142, 211

■ 126, 116, 183

■ 100, 91, 156

■ 74, 68, 129

■ 49, 46, 104


■ 23, 25, 80


■ 0, 0, 56


■ 0, 2, 34


■ 0, 0, 8

 180, 168, 239

 180, 168, 239

 160, 144, 239


 200, 192, 239

 140, 120, 239

 220, 216, 239

 120, 96, 239


 240, 240, 239

 101, 72, 239

 255, 255, 239

 81, 49, 239

 61, 25, 239

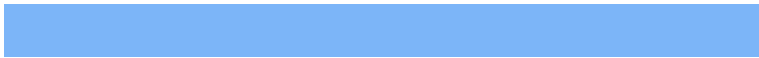
 41, 1, 239

 40, 0, 239

Harmonies

Analogous

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



124, 181, 248



180, 168, 239



221, 156, 214

Triad

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



180, 168, 239



230, 162, 117



73, 196, 175

Complementary

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



180, 168, 239



227, 239, 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.



122, 193, 140



180, 168, 239



201, 175, 105

Square

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



180, 168, 239



245, 152, 144



164, 185, 114



18, 195, 211

Rectangle

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



180, 168, 239



238, 150, 191



164, 185, 114



90, 195, 163

Sweetspot

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



180, 168, 239



236, 232, 255



168, 227, 239



116, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



180, 168, 239



179, 163, 255



215, 168, 239



110, 108, 120



31, 0, 184



9, 0, 56

Inverse Universe

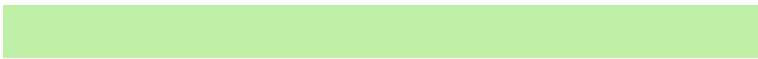
The Inverse Universe completely reimagines the original color for something new.



239, 168, 227



255, 163, 239



192, 239, 168



120, 108, 118



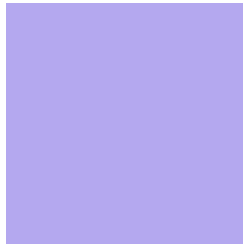
184, 0, 153



56, 0, 47

Previews

White Background



This preview shows how the RGB color 180, 168, 239 looks on a white background.

Color Contrast Check

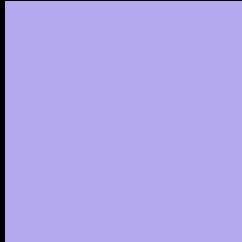
Large Text (above 18pt) WCAG AA × Fail

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 180, 168, 239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

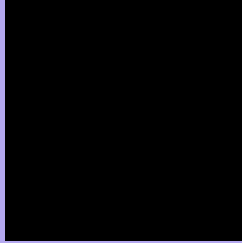
Any Text WCAG AA ✓ Pass

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 180, 168, 239 Background



This preview shows how black text looks on a background with the RGB color 180, 168, 239.



This preview shows how white text looks on a background with the RGB color 180, 168, 239.

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
180, 168, 239

Protanopia
156, 175, 244

Deuteranopia
160, 174, 238



Tritanopia
171, 177, 191

Trichromacy



Original Color
180, 168, 239

Protanomaly
165, 172, 242

Deuteranomaly
167, 172, 238

Tritanomaly
174, 174, 208

Monochromacy



Original Color
180, 168, 239

Achromatopsia
180, 180, 180

Achromatomaly
180, 176, 201

CSS Examples

Text

The CSS property to change the color of the text to RGB 180, 168, 239 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(180, 168, 239)` looks like.

```
.text, #text, p{  
    color:rgb(180, 168, 239)  
}
```

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(180, 168, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 168, 239) }
```

Border

The CSS property to change the border of an element to RGB 180, 168, 239 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(180, 168, 239) }
```

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

```
.border{ border-color:rgb(180, 168, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 168, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 168, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 168, 239);  
box-shadow:4px 4px 4px 4px rgb(180, 168,  
239) }
```

Background

The CSS property to change the background color of an element to RGB 180, 168, 239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 168, 239) }
```

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

```
.background{ background-color: rgb(180,  
168, 239) }
```

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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