

Converting Colors

RGB(188, 164, 237)

Have a look what the booklet for
RGB(188, 164, 237) contains.

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Color

RGB(188, 164, 237)

Conversions

Conversions Part 1

Format	Color
Hex	BCA4ED
RGB	188, 164, 237
RGB Percent	74%, 64%, 93%
CMY	0.2627, 0.3569, 0.0706
CMYK	0.21, 0.31, 0.00, 0.07
HSL	260°, 67%, 79%
HSV	260°, 31%, 93%
XYZ	49.3006, 43.3567, 85.8910
YIQ	179.4980, -9.1290, 27.7910

Conversions

Conversions Part 2

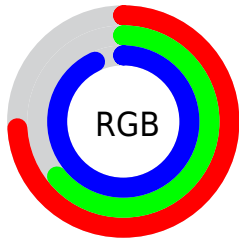
Format	Color
RYB	188, 164, 237
Decimal	12362989
CIELab	71.80, 23.30, -33.42
CIELCh	72, 40.745, 304.886
Yxy	43.3567, 0.2761, 0.2428
Android (android.graphics.Color)	4290553069 (0xFFBCA4ED)
YUV	179.4980, 28.3485, 7.4563
Hunter-Lab	65.8458, 18.4177, -31.2474

Details

The RGB color **188, 164, 237** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **213, 237, 164**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **245, 219, 255**, and **134, 112, 181** is the 20% darker color. If you saturate the color by 10%, you get **172, 140, 237**, and if you desaturate by 10%, it is **204, 188, 237**.

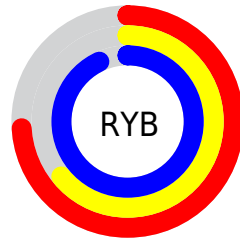
Distribution



Red (74%)

Green (64%)

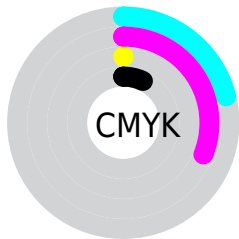
Blue (93%)



Red (74%)

Yellow (64%)

Blue (93%)

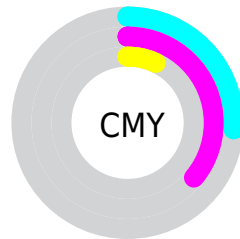


Cyan (21%)

Magenta (31%)

Yellow (0%)

Black (7%)



Cyan (26%)

Magenta (36%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 188, 164, 237 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 188, 164, 237 by changing the saturation by 10% instead.


 188, 164, 237

255, 255, 255

 245, 219, 255

 255, 248, 255

 188, 164, 237

 160, 138, 209

 134, 112, 181

 107, 87, 154

 82, 64, 128

 57, 42, 102

 32, 21, 78


 12, 0, 55

 0, 2, 32


 0, 0, 5

 188, 164, 237


 188, 164, 237

 172, 140, 237


 204, 188, 237

 156, 117, 237

 220, 211, 237

 140, 93, 237

 236, 235, 237

 124, 69, 237

 252, 255, 237

 108, 45, 237

 255, 255, 237

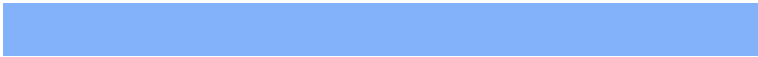
 93, 22, 237

 78, 0, 237

Harmonies

Analogous

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



131, 178, 250



188, 164, 237



228, 152, 208

Triad

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



188, 164, 237



226, 163, 109



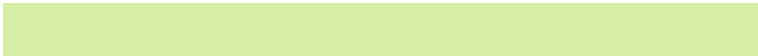
50, 196, 181

Complementary

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



188, 164, 237



213, 237, 164

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.



109, 193, 143



188, 164, 237



194, 176, 101

Square

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



188, 164, 237



245, 151, 135



155, 186, 113



0, 194, 217

Rectangle

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



188, 164, 237



243, 147, 184



155, 186, 113



72, 195, 168

Sweetspot

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



188, 164, 237



240, 232, 255



164, 214, 237



118, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



188, 164, 237



192, 161, 255



224, 164, 237



109, 106, 117



60, 0, 181



18, 0, 54

Inverse Universe

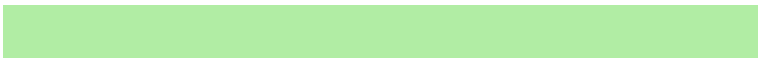
The Inverse Universe completely reimagines the original color for something new.



237, 164, 213



255, 161, 224



177, 237, 164



117, 106, 113



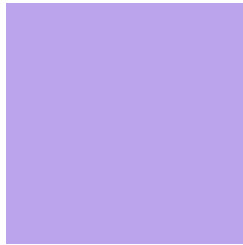
181, 0, 122



54, 0, 36

Previews

White Background



This preview shows how the RGB color 188, 164, 237 looks on a white background.

Color Contrast Check

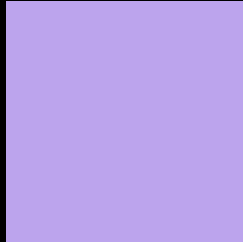
Large Text (above 18pt) WCAG AA × Fail

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 188, 164, 237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

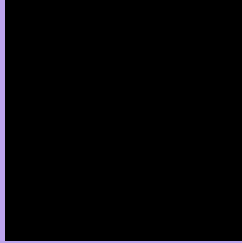
Any Text WCAG AA ✓ Pass

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 188, 164, 237 Background



This preview shows how black text looks on a background with the RGB color 188, 164, 237.



This preview shows how white text looks on a background with the RGB color 188, 164, 237.

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
188, 164, 237

Protanopia
155, 174, 244

Deuteranopia
160, 173, 235



Tritanopia
179, 174, 187

Trichromacy



Original Color
188, 164, 237

Protanomaly
167, 170, 241

Deuteranomaly
170, 170, 236

Tritanomaly
182, 170, 205

Monochromacy



Original Color
188, 164, 237

Achromatopsia
179, 179, 179

Achromatomaly
182, 174, 200

CSS Examples

Text

The CSS property to change the color of the text to RGB 188, 164, 237 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(188, 164, 237)` looks like.

```
.text, #text, p{  
    color:rgb(188, 164, 237)  
}
```

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(188, 164, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 164, 237) }
```

Border

The CSS property to change the border of an element to RGB 188, 164, 237 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(188, 164, 237) }
```

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

```
.border{ border-color:rgb(188, 164, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 164, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 164, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 164, 237);  
box-shadow:4px 4px 4px 4px rgb(188, 164,  
237) }
```

Background

The CSS property to change the background color of an element to RGB 188, 164, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 164, 237) }
```

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

```
.background{ background-color: rgb(188,  
164, 237) }
```

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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