

Converting Colors

RGB(138, 0, 189)

Have a look what the booklet for
RGB(138, 0, 189) contains.

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Color

RGB(138, 0, 189)

Conversions

Conversions Part 1

Format	Color
Hex	8A00BD
RGB	138, 0, 189
RGB Percent	54%, 0%, 74%
CMY	0.4588, 1.0000, 0.2588
CMYK	0.27, 1.00, 0.00, 0.26
HSL	284°, 100%, 37%
HSV	284°, 100%, 74%
XYZ	19.6665, 9.0774, 48.8597
YIQ	62.8080, 21.5790, 88.0350

Conversions

Conversions Part 2

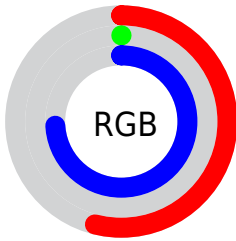
Format	Color
RYB	138, 0, 189
Decimal	9044157
CIELab	36.13, 71.02, -63.23
CIELCh	36, 95.093, 318.320
Yxy	9.0774, 0.2534, 0.1170
Android (android.graphics.Color)	4287234237 (0xFF8A00BD)
YUV	62.8080, 62.2127, 65.9434
Hunter-Lab	30.1287, 63.7907, -75.0604

Details

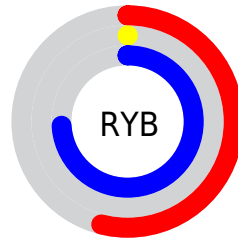
The RGB color **138, 0, 189** is a dark color, and the websafe version is hex **9900CC**. A complement of this color would be **51, 189, 0**, and the grayscale version is **62, 62, 62**.

A 20% lighter version of the original color is **197, 79, 246**, and **80, 0, 134** is the 20% darker color. If you saturate the color by 10%, you get **138, 0, 189**, and if you desaturate by 10%, it is **143, 19, 189**.

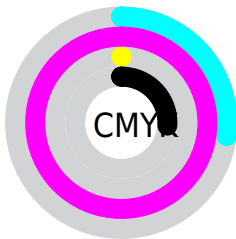
Distribution



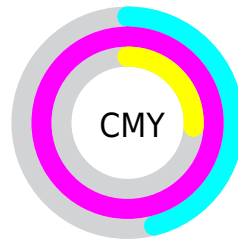
- Red (54%)
- Green (0%)
- Blue (74%)



- Red (54%)
- Yellow (0%)
- Blue (74%)



- Cyan (27%)
- Magenta (100%)
- Yellow (0%)
- Black (26%)



- Cyan (46%)
- Magenta (100%)
- Yellow (26%)
- Black (28%)

Brightness & Saturation Gradients

These gradients show how the RGB color 138, 0, 189 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 138, 0, 189 by changing the saturation by 10% instead.

 138, 0, 189

 138, 0, 189

255, 255, 255

 109, 0, 161

 197, 79, 246

 80, 0, 134

 226, 108, 255

 50, 0, 108

 255, 136, 255

 17, 0, 83

 255, 164, 255

 0, 0, 59

 255, 193, 255

 0, 2, 36

 255, 222, 255

 0, 0, 12

 255, 252, 255

 0, 0, 0

 138, 0, 189

■ 143, 19, 189

■ 148, 38, 189

■ 153, 57, 189

■ 158, 76, 189

■ 164, 95, 189

■ 169, 113, 189

■ 174, 132, 189

■ 179, 151, 189

■ 184, 170, 189

Harmonies

Analogous

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



0, 81, 235



138, 0, 189



198, 0, 118

Triad

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



138, 0, 189



129, 71, 0



0, 112, 132

Complementary

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



138, 0, 189



51, 189, 0

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.



0, 110, 51



138, 0, 189



58, 96, 0

Square

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



138, 0, 189



179, 0, 0



0, 106, 0



0, 112, 201

Rectangle

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



138, 0, 189



208, 0, 69



0, 106, 0



0, 111, 105

Sweetspot

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



138, 0, 189



225, 171, 245



0, 54, 189



111, 78, 122



250, 250, 250



122, 122, 122

Same Dimension

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



138, 0, 189



179, 0, 245



189, 0, 148



92, 85, 94



115, 0, 158



22, 0, 31

Inverse Universe

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



189, 0, 51



245, 0, 66



0, 189, 41



94, 85, 87



158, 0, 43



31, 0, 8

Previews

White Background



This preview shows how the RGB color 138, 0, 189 looks on a white background.

Color Contrast Check

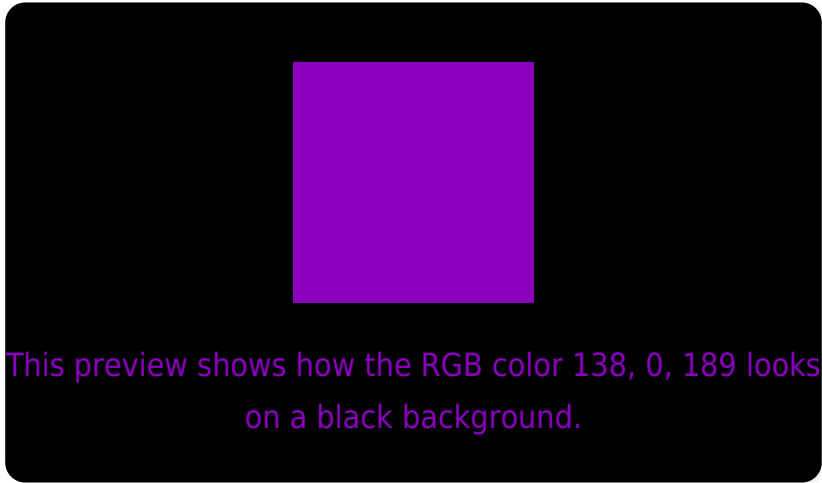
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

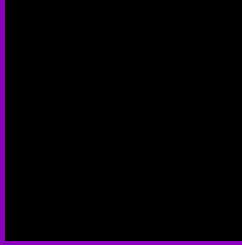
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

RGB 138, 0, 189 Background



This preview shows how black text looks on a background with the RGB color 138, 0, 189.



This preview shows how white text looks on a background with the RGB color 138, 0, 189.

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

138, 0, 189

Protanopia

0, 84, 178

Deuteranopia

0, 90, 155



Tritanopia
120, 74, 79

Trichromacy



Original Color

138, 0, 189



Protanomaly

50, 53, 182



Deuteranomaly

50, 57, 167



Tritanomaly

127, 47, 119

Monochromacy



Original Color

138, 0, 189



Achromatopsia

63, 63, 63



Achromatomaly

90, 40, 109

CSS Examples

Text

The CSS property to change the color of the text to RGB 138, 0, 189 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(138, 0, 189)` looks like.

```
.text, #text, p{  
    color:rgb(138, 0, 189)  
}
```

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(138, 0, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 0, 189) }
```

Border

The CSS property to change the border of an element to RGB 138, 0, 189 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(138, 0, 189) }
```

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

```
.border{ border-color:rgb(138, 0, 189) }
```

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

Here you see how a box with a 4 pixel rgb(138, 0, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 0, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 0, 189);  
box-shadow:4px 4px 4px 4px rgb(138, 0,  
189) }
```

Background

The CSS property to change the background color of an element to RGB 138, 0, 189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 0, 189) }
```

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

```
.background{ background-color: rgb(138, 0,  
189) }
```

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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