

Converting Colors

RGB(138, 0, 165)

Have a look what the booklet for
RGB(138, 0, 165) contains.

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Color

RGB(138, 0, 165)

Conversions

Conversions Part 1

Format	Color
Hex	8A00A5
RGB	138, 0, 165
RGB Percent	54%, 0%, 65%
CMY	0.4588, 1.0000, 0.3529
CMYK	0.16, 1.00, 0.00, 0.35
HSL	290°, 100%, 32%
HSV	290°, 100%, 65%
XYZ	17.2728, 8.1199, 36.2542
YIQ	60.0720, 29.2830, 80.5710

Conversions

Conversions Part 2

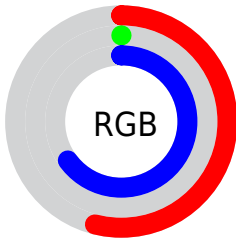
Format	Color
R_{YB}	138, 0, 165
Decimal	9044133
CIE _{Lab}	34.23, 66.70, -52.02
CIE _{LCh}	34, 84.582, 322.050
Yxy	8.1199, 0.2802, 0.1317
Android (android.graphics.Color)	4287234213 (0xFF8A00A5)
YUV	60.0720, 51.7295, 68.3429
Hunter-Lab	28.4954, 58.3325, -55.4869

Details

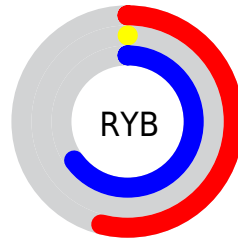
The RGB color **138, 0, 165** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **27, 165, 0**, and the grayscale version is **60, 60, 60**.

A 20% lighter version of the original color is **196, 77, 221**, and **82, 0, 112** is the 20% darker color. If you saturate the color by 10%, you get **138, 0, 165**, and if you desaturate by 10%, it is **141, 16, 165**.

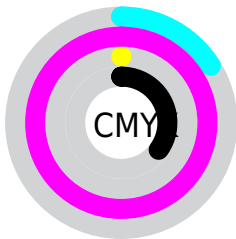
Distribution



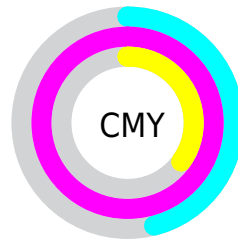
- Red (54%)
- Green (0%)
- Blue (65%)



- Red (54%)
- Yellow (0%)
- Blue (65%)



- Cyan (16%)
- Magenta (100%)
- Yellow (0%)
- Black (35%)



- Cyan (46%)
- Magenta (100%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the RGB color 138, 0, 165 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, 165 by changing the saturation by 10% instead.

 138, 0, 165

 138, 0, 165

255, 255, 255

 110, 0, 138

 196, 77, 221

 82, 0, 112

 225, 105, 250

 55, 0, 87

 255, 134, 255

 26, 0, 63

 255, 162, 255

 0, 3, 39

 255, 190, 255

 0, 1, 17

 255, 220, 255

 0, 0, 0

 255, 249, 255

 138, 0, 165

■ 141, 16, 165

■ 143, 33, 165

■ 146, 50, 165

■ 149, 66, 165

■ 151, 82, 165

■ 154, 99, 165

■ 157, 115, 165

■ 160, 132, 165

■ 162, 148, 165

Harmonies

Analogous

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



0, 72, 209



138, 0, 165



184, 0, 102

Triad

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



138, 0, 165



114, 72, 0



0, 105, 130

Complementary

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



138, 0, 165



27, 165, 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, 104, 60



138, 0, 165



49, 92, 0

Square

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



138, 0, 165



160, 25, 0



0, 100, 0



0, 105, 188

Rectangle

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



138, 0, 165



190, 0, 58



0, 100, 0



0, 105, 107

Sweetspot

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



138, 0, 165



204, 150, 214



0, 28, 165



101, 69, 107



235, 235, 235



107, 107, 107

Same Dimension

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



138, 0, 165



179, 0, 214



165, 0, 110



80, 73, 82



122, 0, 145



15, 0, 18

Inverse Universe

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



165, 0, 27



214, 0, 35



0, 165, 55



82, 73, 75



145, 0, 24



18, 0, 3

Previews

White Background



This preview shows how the RGB color 138, 0, 165 looks on a white background.

Color Contrast Check

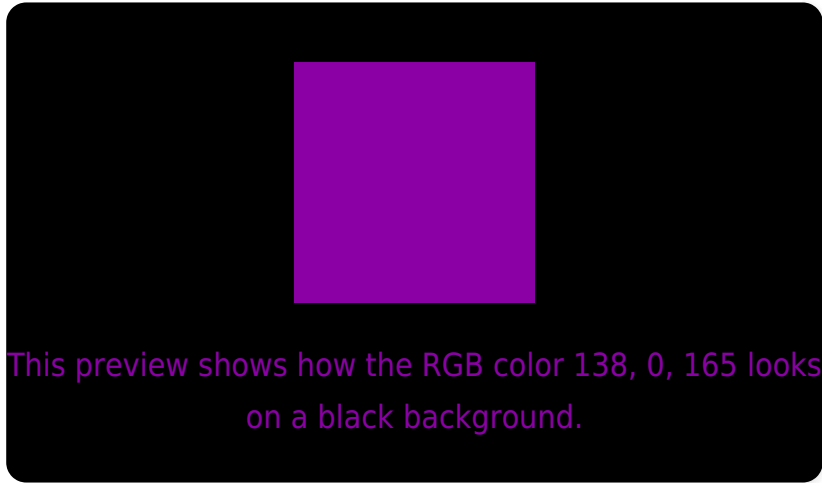
Large Text (above 18pt) WCAG AA ✓ Pass

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

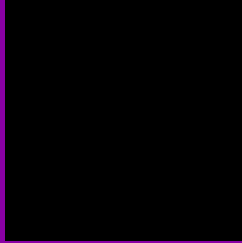
Any Text WCAG AA × Fail

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, 165 Background



This preview shows how black text looks on a background with the RGB color 138, 0, 165.



This preview shows how white text looks on a background with the RGB color 138, 0, 165.

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, 165

Protanopia

0, 80, 170

Deuteranopia

0, 85, 149



Tritanopia
125, 65, 69

Trichromacy



Original Color

138, 0, 165



Protanomaly

50, 51, 168



Deuteranomaly

50, 54, 155



Tritanomaly

130, 41, 104

Monochromacy



Original Color

138, 0, 165



Achromatopsia

60, 60, 60



Achromatomaly

88, 38, 98

CSS Examples

Text

The CSS property to change the color of the text to RGB 138, 0, 165 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, 165)` looks like.

```
.text, #text, p{  
    color:rgb(138, 0, 165)  
}
```

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, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 0, 165) }
```

Border

The CSS property to change the border of an element to RGB 138, 0, 165 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, 165) }
```

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

```
.border{ border-color:rgb(138, 0, 165) }
```

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, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 0, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 0, 165);  
box-shadow:4px 4px 4px 4px rgb(138, 0,  
165) }
```

Background

The CSS property to change the background color of an element to RGB 138, 0, 165 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, 165) }
```

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

```
.background{ background-color: rgb(138, 0,  
165) }
```

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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